NOTICE
THIS BOOK SHOULD BE KEPT WITH MACHINE

REPAIR PARTS CATALOG

NO. 483A

FOR

PACER 300 - SUPER 300

POWER GRADERS

THIS REPAIR PARTS CATALOG APPLIES
TO MACHINES NUMBERED SERIALLY
FROM NO. R-8088 AND UP

THIS REPAIR PARTS CATALOG APPLIES
TO MACHINE NUMBERED _____

PRICE $1.50 PER COPY

IMPORTANT: ALWAYS GIVE SERIAL NUMBERS OF GRADER AND ENGINE WHEN ORDERING PARTS.

CONTACT YOUR NEAREST AUSTIN-WESTERN DISTRIBUTOR.
THERE IS ONE NEAR BY.

- TO THE OPERATOR -

Give the BLH Austin-Western Distributor your grader and engine serial numbers when you order parts. We suggest that you write these serial numbers in the spaces provided below for ready reference when parts are required.

Grader Serial No. _____
(Stamped on name plate on frame, on left hand side of Grader above front axle)

Engine Serial No. _____
(On Engine Block)

- WARRANTY -

Company warrants all BLH Austin-Western products sold to Distributor for six (6) months after date of shipment, this warranty being limited to the replacement at the factory of such parts as it appears to Company upon inspection by Company to have been defective in material and workmanship. Company makes no warranty in respect to engines, tires, rims, electrical apparatus, or any other trade accessory not manufactured by Company, such being subject to the warranty of their respective manufacturers. No warranty is made or authorized to be made by Company other than herein set forth. Distributor agrees not to alter any products purchased hereunder nor to do anything that will in any way infringe, impeach or lessen the validity of the patents or trade-marks under which Company's products are made or sold.

We reserve the right to make changes or add improvements at any time without incurring any obligation to make such changes on machines sold previously.

INSTRUCTIONS FOR ORDERING PARTS

When ordering parts, follow the instructions listed below. By doing this you will be assured of receiving the correct part in the shortest period of time.

1. Send your order to the Austin-Western Distributor for your territory.

2. Give the grader and engine serial numbers which will be found on the name plates attached to the mainframe and the engine.

3. Write the quantity, part number and description of the part wanted.

4. Give definite shipping instructions, that is: to whom and where the parts are to be shipped, also whether shipment is to go by parcel post, express, freight or truck, prepaid or collect.

5. Confirm all telephone or telegraph orders in writing.

RETURN OF PARTS

When you return parts to your Austin-Western Distributor, be sure the package or part is tagged with your name and address; prepay transportation charges; then write to the Distributor giving full details of shipment as to when, how and why parts are being returned. Give the machine number for which parts are being returned.

CLAIMS FOR SHORTAGE OR BREAKAGE should be made to the transportation company on receipt of goods.

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ALWAYS USE GENUINE - BLH AUSTIN-WESTERN - REPAIR PARTS

Satisfactory and efficient operation of this machine is endangered by the use of inferior repair parts. The use of cheap and imitation parts invariably means short life and higher ultimate cost.

If repair parts could be made at lower cost and sold at less price without sacrificing quality we would do so. The correct material for the purpose and the knowledge acquired through many years of manufacturing enables - The BLH Austin-Western Plant - to produce quality that will not be found in imitation parts.

You take an unnecessary risk when you use inferior repair parts. We use many bolts, studs, cap screws, etc., that are listed with part numbers. These are made of alloy steel and heat treated to give them maximum strength. They may look like ordinary bolts, studs or cap screws, but use of a substitute for them will lead to break-downs, delays and damage to machine.

When ordering a tapered roller bearing always order a set, which consists of one bearing cup and one bearing cone with rollers.

ALWAYS USE GENUINE - BLH AUSTIN-WESTERN - REPAIR PARTS

- SAFETY FIRST -

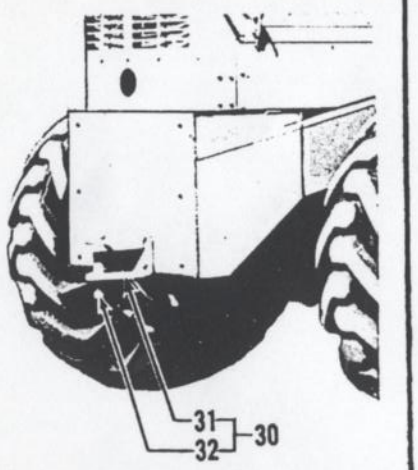
Accidents are caused by the failure of some individual to observe simple and fundamental safe rules or precaution. Accidents can be prevented by recognizing the cause of the accidents and doing something about it before the accident occurs.

Regardless of the care used in the design of a machine, there are points that cannot be completely safeguarded without interfering with accessibility and efficient operation.

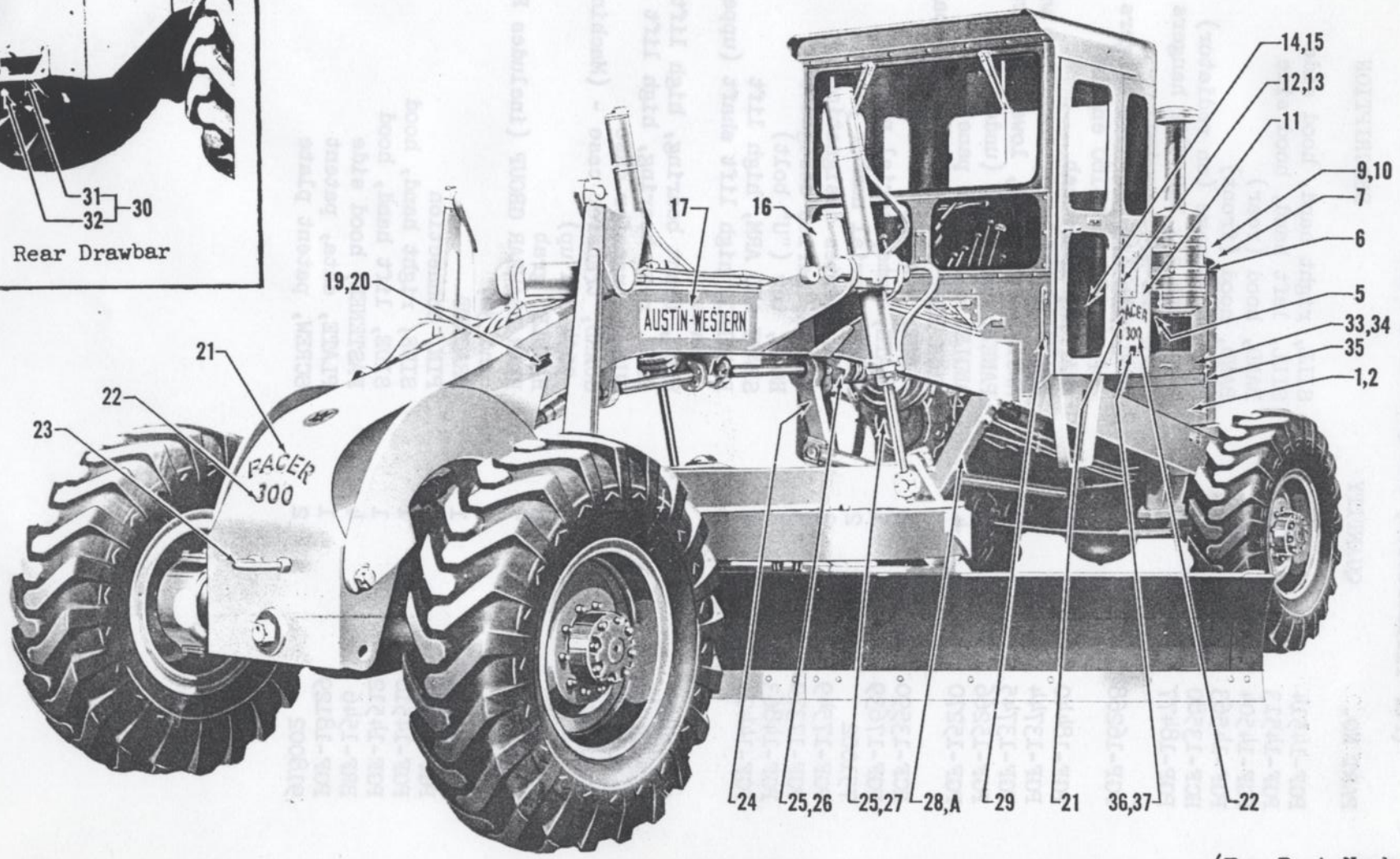
A careful operator is the best insurance against an accident.

Many accidents would be prevented if the following rule were observed.

"Never attempt to clean, oil, or adjust a machine while it is in motion."



Rear Drawbar

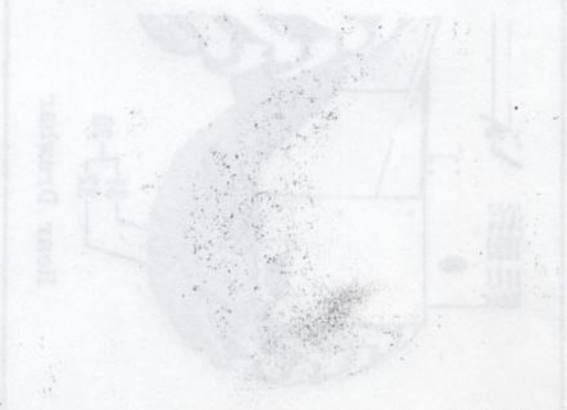


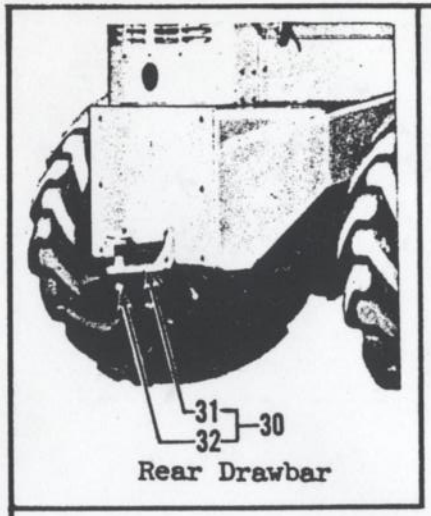
(For Part Numbers see next page)

MISCELLANEOUS PARTS FOR PACER 300 GRADERS

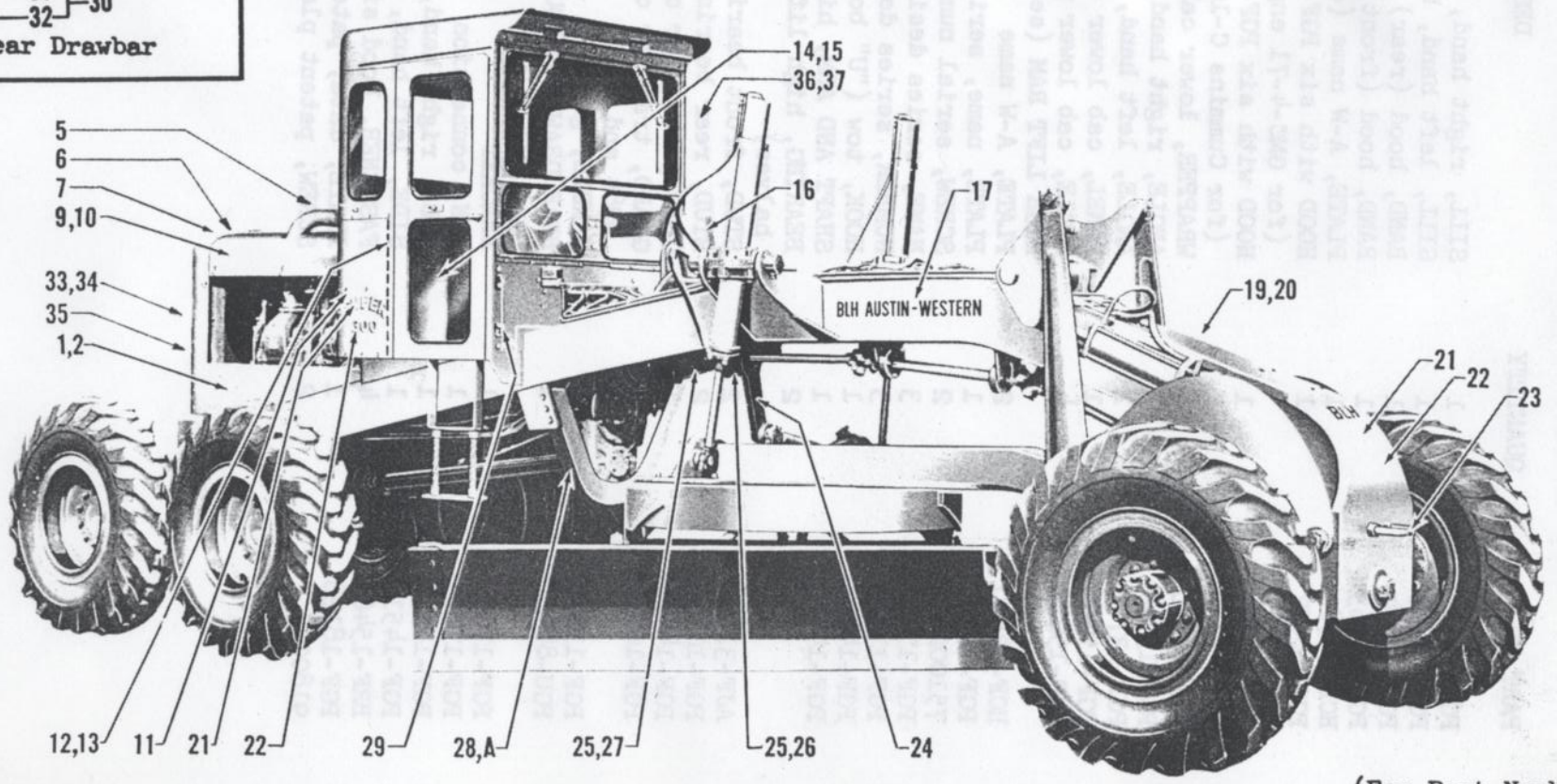
MISCELLANEOUS PARTS FOR PACER 300 GRADERS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14514	1	SILL, right hand, hood side
2	PGF-14513	1	SILL, left hand, hood side
5	PGF-14504	1	BAND, hood (rear)
6	PGF-14563	1	BAND, hood (front)
7	HCF-13580	1	PLATE, A-W name (on radiator)
9	PGP-18477	1	HOOD with six PGF-3892 hangers (for GMC-4-71 engine)
10	PGP-16268	1	HOOD with six PGF-3892 hangers (for Cummins C-160 engine)
11	PGF-18440	1	WRAPPER, lower cab
12	PGF-13744	1	ANGLE, right hand, lower cab wrapper
13	PGF-13745	1	ANGLE, left hand, lower cab wrapper
14	PGF-15266	1	PANEL, cab lower (under seat)
15	PGF-15270	4	ANGLE, cab lower panel
16			HIGH LIFT RAM (see separate page)
17	HCF-13590	2	PLATE, A-W name
19	PGF-17639	1	PLATE, name, serial number
20	751002	2	SCREW, serial number plate
21	PGF-17549	3	NAME, series designation
22	PGF-17370	3	NUMBER, series designation
23	PGF-14863	1	HOOK, tow ("U" bolt)
24	PGF-14479	1	SHAFT AND ARM, high lift
25		2	BEARING, high lift shaft (upper and lower halves)
26	AJF-3100	2	STUD, front bearing, high lift shaft
27	PGF-10234	2	STUD, rear bearing, high lift shaft
28	PGF-14476	1	GUARD, transfer case
28A	PGF-10475	1	GUARD, transfer case - (Machine S-300-9294 and up)
29	PGF-11881	4	HANDLE, grab
30	PGU-8455	1	REAR DRAWBAR GROUP (includes Ref. Nos. 31 and 32)
31	PGF-17084	1	BRACKET
32	PGF-17085	1	PIN, connection
33	PGF-14518	1	SIDE, right hand, hood
34	PGF-14512	1	SIDE, lift hand, hood
35	BRF-1546	4	FASTENER, hood side
36	PGF-18129	1	PLATE, data, patent
37	918002	2	SCREW, patent plate





Rear Drawbar



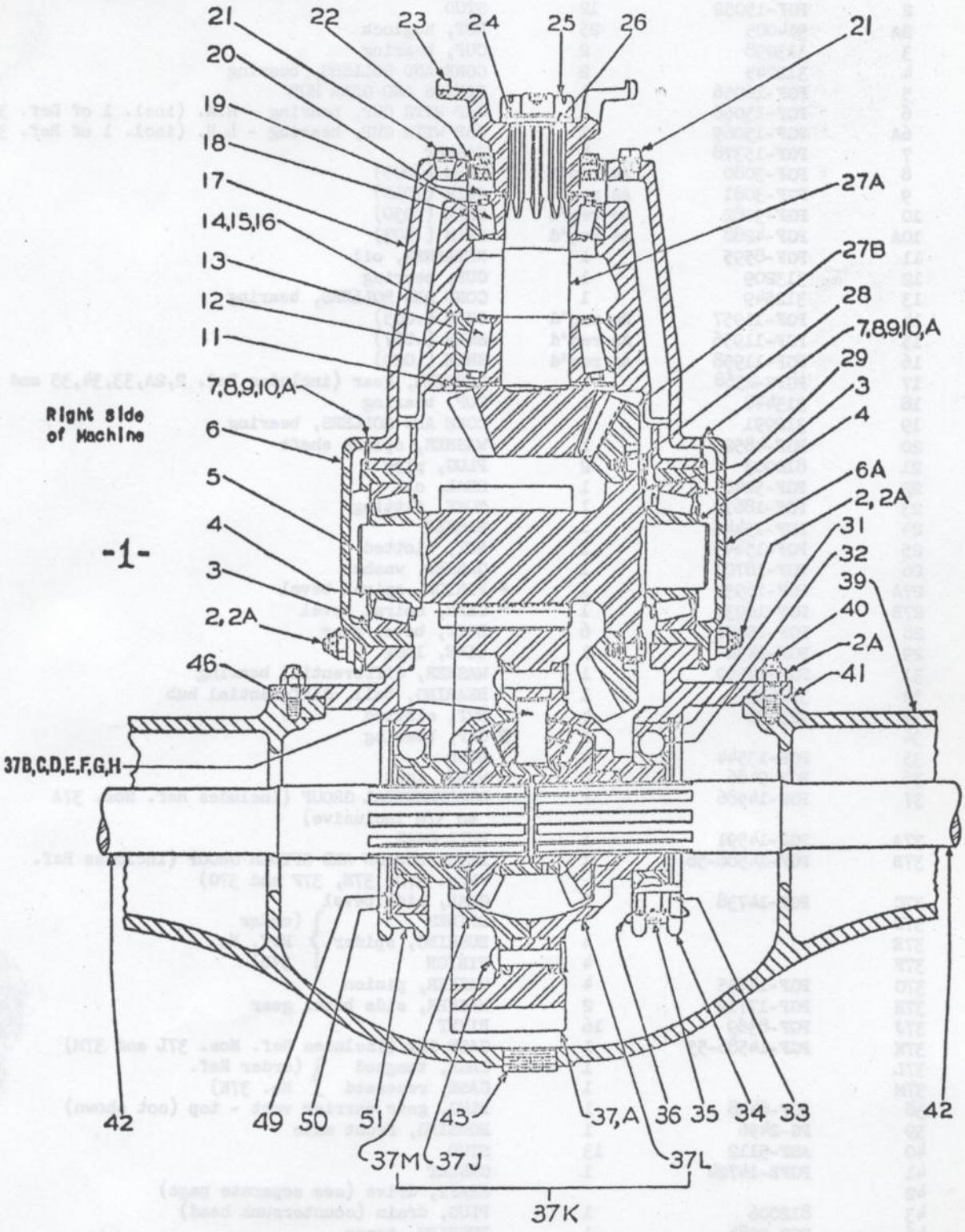
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MISCELLANEOUS PARTS FOR SUPER 300 GRADERS

MISCELLANEOUS PARTS FOR SUPER 300 GRADERS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14514	1	SILL, right hand, hood side
2	PGF-14513	1	SILL, left hand, hood side
5	PGF-14504	1	BAND, hood (rear)
6	PGF-14563	1	BAND, hood (front)
7	HCF-13580	1	PLATE, A-W name (on radiator)
9	PGP-18477	1	HOOD with six PGF-3892 hangers (for GMC-4-71 engine)
10	PGP-16268	1	HOOD with six PGF-3892 hangers (for Cummins C-160 engine)
11	PGF-18440	1	WRAPPER, lower cab
12	PGF-13744	1	ANGLE, right hand, lower cab wrapper
13	PGF-13745	1	ANGLE, left hand, lower cab wrapper
14	PGF-15266	1	PANEL, cab lower (under seat)
15	PGF-15270	4	ANGLE, cab lower panel
16			HIGH LIFT RAM (see separate page)
17	HCF-13590	2	PLATE, A-W name
19	PGF-17639	1	PLATE, name, serial number
20	751002	2	SCREW, serial number plate
21	PGF-17369	3	NAME, series designation
22	PGF-17370	3	NUMBER, series designation
23	PGF-14863	1	HOOK, tow ("U" bolt)
24	PGF-14479	1	SHAFT AND ARM, high lift
25		2	BEARING, high lift shaft (upper and lower halves)
26	AJF-3100	2	STUD, front bearing, high lift shaft
27	PGF-10234	2	STUD, rear bearing, high lift shaft
28	PGF-14476	1	GUARD, transfer case
28A	PGF-10475	1	GUARD, transfer case (Machine S-300 - 9284 and up)
29	PGF-11881	4	HANDLE, grab
30	PGU-8455	1	REAR DRAWBAR GROUP (includes Ref. Nos. 31 and 32)
31	PGF-17084	1	BRACKET
32	PGF-17085	1	PIN, connection
33	PGF-14518	1	SIDE, right hand, hood
34	PGF-14512	1	SIDE, left hand, hood
35	BRF-1546	4	FASTENER, hood side
36	PGF-18128	1	PLATE, data, patent
37	918002	2	SCREW, patent plate





(For Part Numbers, see next page)

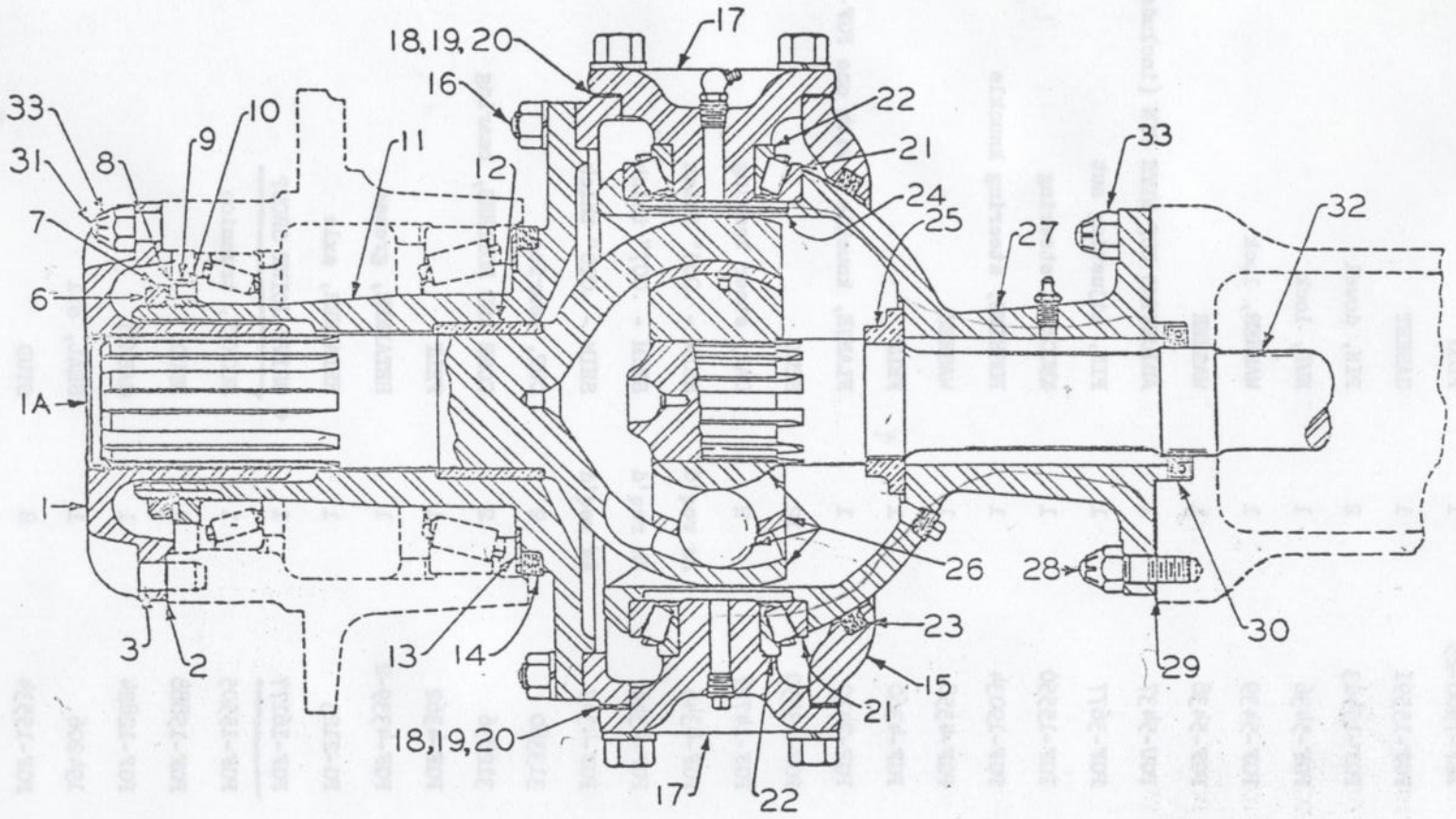
FRONT AXLE GEAR CARRIER

FRONT AXLE GEAR CARRIER

(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-2459-B	1	FRONT AXLE GEAR CARRIER GROUP (includes Ref. Nos. 2 to 38 inclusive, also Ref. 49,50 and 51)
2	PGF-15052	12	STUD
2A	914005	25	NUT, huglock
3	313098	2	CUP, bearing
4	312245	2	CONE AND ROLLERS, bearing
5	PGF-16956	1	PINION AND GEAR HUB
6	PGF-15066	1	CAP WITH CUP, bearing - R.H. (incl. 1 of Ref. 3)
6A	PGF-15069	1	CAP WITH CUP, bearing - L.H. (incl. 1 of Ref. 3)
7	PGF-15378	4	GASKET
8	PGF-3080	As req'd	SHIM (.005)
9	PGF-3081	As req'd	SHIM (.010)
10	PGF-3082	As req'd	SHIM (.030)
10A	PGF-4288	As req'd	SHIM (.003)
11	PGF-8595	1	RETAINER, oil
12	313209	1	CUP, bearing
13	312549	1	CONE AND ROLLERS, bearing
14	PGF-11957	As req'd	SHIM (.005)
15	PGF-11956	As req'd	SHIM (.007)
16	PGF-11958	As req'd	SHIM (.020)
17	PGPS-2368	1	CARRIER, gear (includes Ref. 2,2A,33,34,35 and 51)
18	313448	1	CUP, bearing
19	312991	1	CONE AND ROLLERS, bearing
20	PGF-4852	1	WASHER, spline shaft
21	810003	2	PLUG, pipe
22	PGF-5240	1	SEAL, oil
23	PGF-18670	1	YOKE, fitting
24	PGF-15446	1	WASHER
25	PGF-15449	1	NUT, slotted
26	PGF-18707	1	GASKET, washer
27A	PGF-16934	1	* PINION, spiral bevel
27B	PGF-16934	1	* GEAR, spiral bevel
28	PGF-15671	6	BOLT, bevel gear
29	PGF-9436	1	WIRE, lock
31	PGF-14589	1	WASHER, differential bearing
32	311619	1	BEARING, ball, differential hub
33	927008	4	NUT, slotted
34		1	@ CAP, bearing
35	PGF-13544	4	STUD
36	PGF-9486	2	WIRE, lock
37	PGF-14586	1	DIFFERENTIAL GROUP (includes Ref. Nos. 37A to 37M inclusive)
37A	PGF-14591	1	BULL GEAR
37B	PGF-14586-56	1	BEVEL PINION AND SPIDER GROUP (includes Ref. Nos. 37D, 37E, 37F and 37G)
37C	PGF-14738	2	GEAR, side bevel
37D		1	SPIDER } (order
37E		4	BUSHING, spider } Ref. No.
37F		4	PINION } 37B)
37G	PGF-14735	4	WASHER, pinion
37H	PGF-17719	2	WASHER, side bevel gear
37J	PGF-8369	16	RIVET
37K	PGF-14586-55	1	CASE SET (includes Ref. Nos. 37L and 37M)
37L		1	CASE, tongued } (order Ref.
37M		1	CASE, recessed } No. 37K)
38	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
39	PG-2496	1	HOUSING, front axle
40	ASF-5112	13	STUD
41	PGFB-14724	1	GASKET
42			SHAFT, drive (see separate page)
43	812006	1	PLUG, drain (countersunk head)
46	PGF-3084	1	BUSHING, taper
49	311618	1	BEARING, ball, differential hub
50	PGF-14590	1	WASHER, differential bearing
51		1	@ CAP, bearing
52	810005	1	PLUG, filler & oil level (in axle hsg.-not shown)

Note: * Bevel pinion and bevel gear sold in matched sets only.
@ Bearing caps not sold separately. Order Ref. No. 17, PGPS-2368, gear carrier.



(For Part Numbers, see next page)

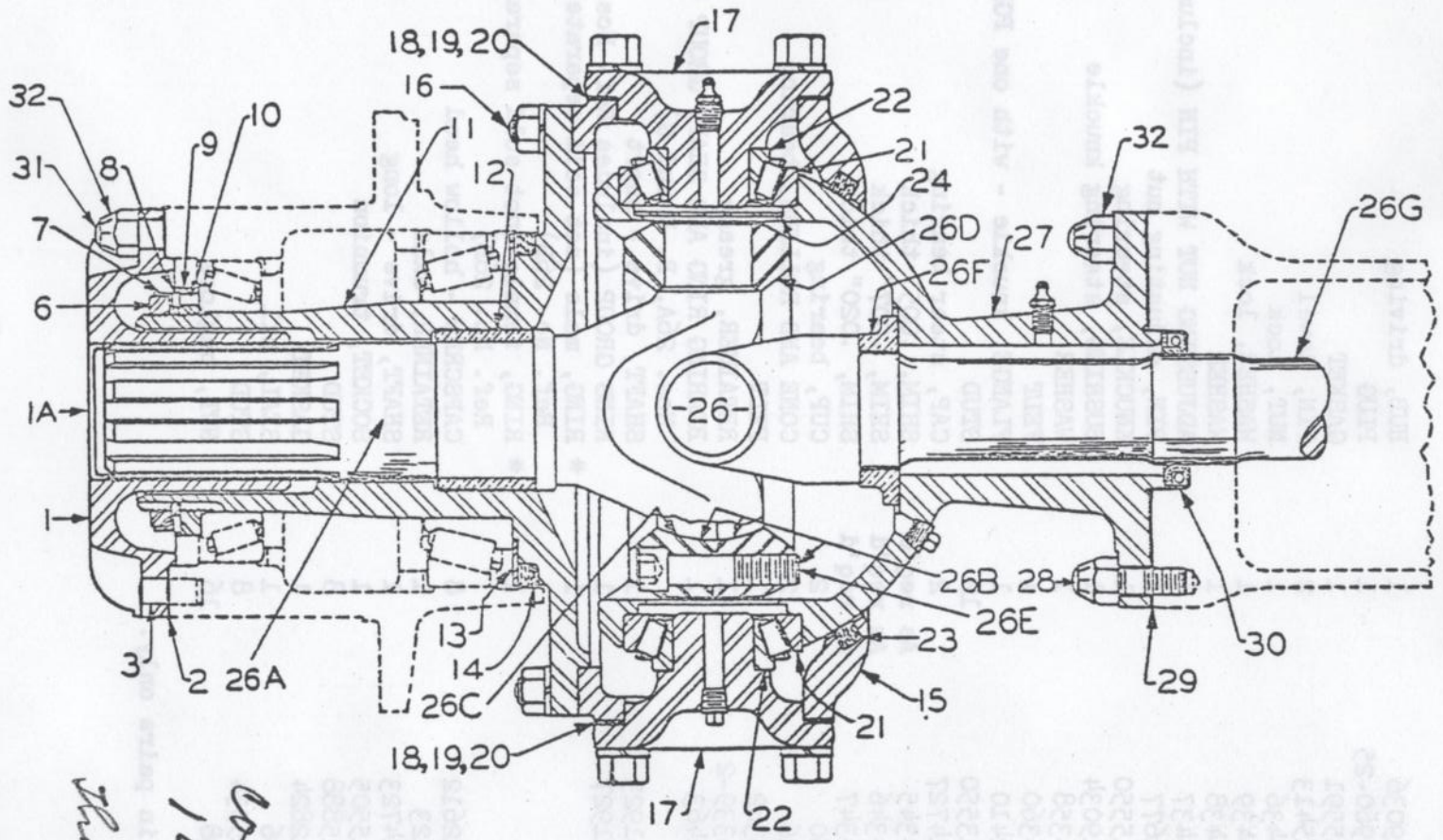
FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT

(On Pacer 300)

FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT ON PACER 300
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-19036	1	HUB, driving
1A	ASF-7960-25	1	PLUG
2	PGF-15591	1	GASKET
3	PGF-15413	2	PIN, dowel
6	PGF-5436	1	NUT, lock
7	PGF-5439	1	WASHER, lock
8	PGF-5438	1	WASHER
9	PGU-5437	1	ADJUSTING NUT WITH PIN (includes Ref. No. 10)
10	PGF-3677	1	PIN, adjusting nut
11	PGF-15550	1	KNUCKLE, steering
12	PGF-19034	1	BUSHING, steering knuckle
13	PGF-4358	1	WASHER
14	PGF-4360	1	FELT
15	PGP-2410	1	FLANGE, knuckle - with one PGF-8753 bushing
16	PGF-13550	12	STUD
17	PGF-14727	2	CAP, steer bearing
18	PGF-4345	As req'd	SHIM - .005" thick
19	PGF-4346	As req'd	SHIM - .007" thick
20	PGF-4347	As req'd	SHIM - .020" thick
21	313380	2	CUP, bearing
22	312836	2	CONE AND ROLLERS, bearing
23	PGF-4362	1	FELT
24	PGF-4339-2	1	RETAINER, grease
25	PG-2123	1	RETAINER, axle
26	PGF-16177	1	* DRIVE JOINT GROUP
27	PGF-15505	1	SOCKET, trunnion
28	PGF-15888	8	STUD
29	PGF-12824	1	GASKET
30	194206	1	SEAL, oil
31	PGF-15534	8	STUD
32	PGF-14521	1	SHAFT, drive
33	914008	16	NUT, huglock

Note: * Drive joint repair parts not sold separately. Order complete drive joint group.



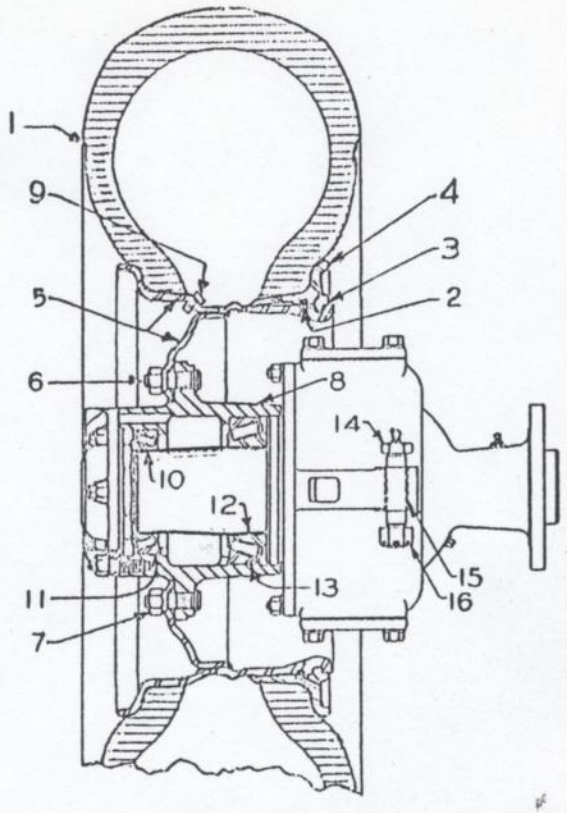
(For Part Numbers, see next page)

FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT
(On Super 300)

FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT
(ON SUPER 300)
(For illustration, see preceding page)

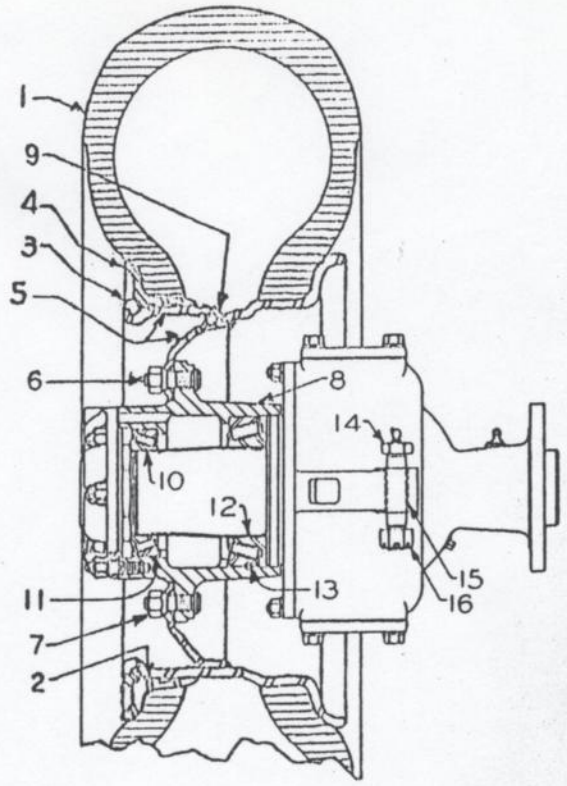
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-19036	1	HUB, driving
1A	ASF-7960-25	1	PLUG
2	PGF-15591	1	GASKET
3	PGF-15413	2	PIN, dowel
6	PGF-5436	1	NUT, lock
7	PGF-5439	1	WASHER, lock
8	PGF-5438	1	WASHER
9	PGU-5437	1	ADJUSTING NUT WITH PIN (includes Ref. No. 10)
10	PGF-3677	1	PIN, adjusting nut
11	PGF-15550	1	KNUCKLE, steering
12	PGF-19034	1	BUSHING, steering knuckle
13	PGF-4358	1	WASHER
14	PGF-4360	1	FELT
15	PGP-2410	1	FLANGE, knuckle - with one PGF-8753 bushing
16	PGF-13550	12	STUD
17	PGF-14727	2	CAP, steer bearing
18	PGF-4345	As req'd	SHIM, .005" thick
19	PGF-4346	As req'd	SHIM, .007" thick
20	PGF-4347	As req'd	SHIM, .020" thick
21	313380	2	CUP, bearing
22	312836	2	CONE AND ROLLERS, bearing
23	PGF-4362	1	FELT
24	PGF-4339-2	1	RETAINER, grease
26	PGU-2463	1	BEARING RING AND SHAFT GROUP (includes Ref. Nos. 26A, B, F and G)
26A	PGF-11923	1	SHAFT, drive - short
26B	PGF-11927	1	RING GROUP (includes Ref. Nos. 26C, D, and E)
26C		1	* RING, male (not sold separately. Order Ref. No. 26B)
26D		1	* RING, female (not sold separately. Order Ref. No. 26B)
26E	PGF-12612	8	CAPSCREW - hollow head
26F	PG-2123	1	RETAINER, axle
26G	PGF-14723	1	SHAFT, drive - long
27	PGF-15505	1	SOCKET, trunnion
28	PGF-15888	8	STUD
29	PGF-12824	1	GASKET
30	194206	1	SEAL, oil
31	PGF-15534	8	STUD
32	914008	16	NUT, huglock

Note: * Sold in pairs only.



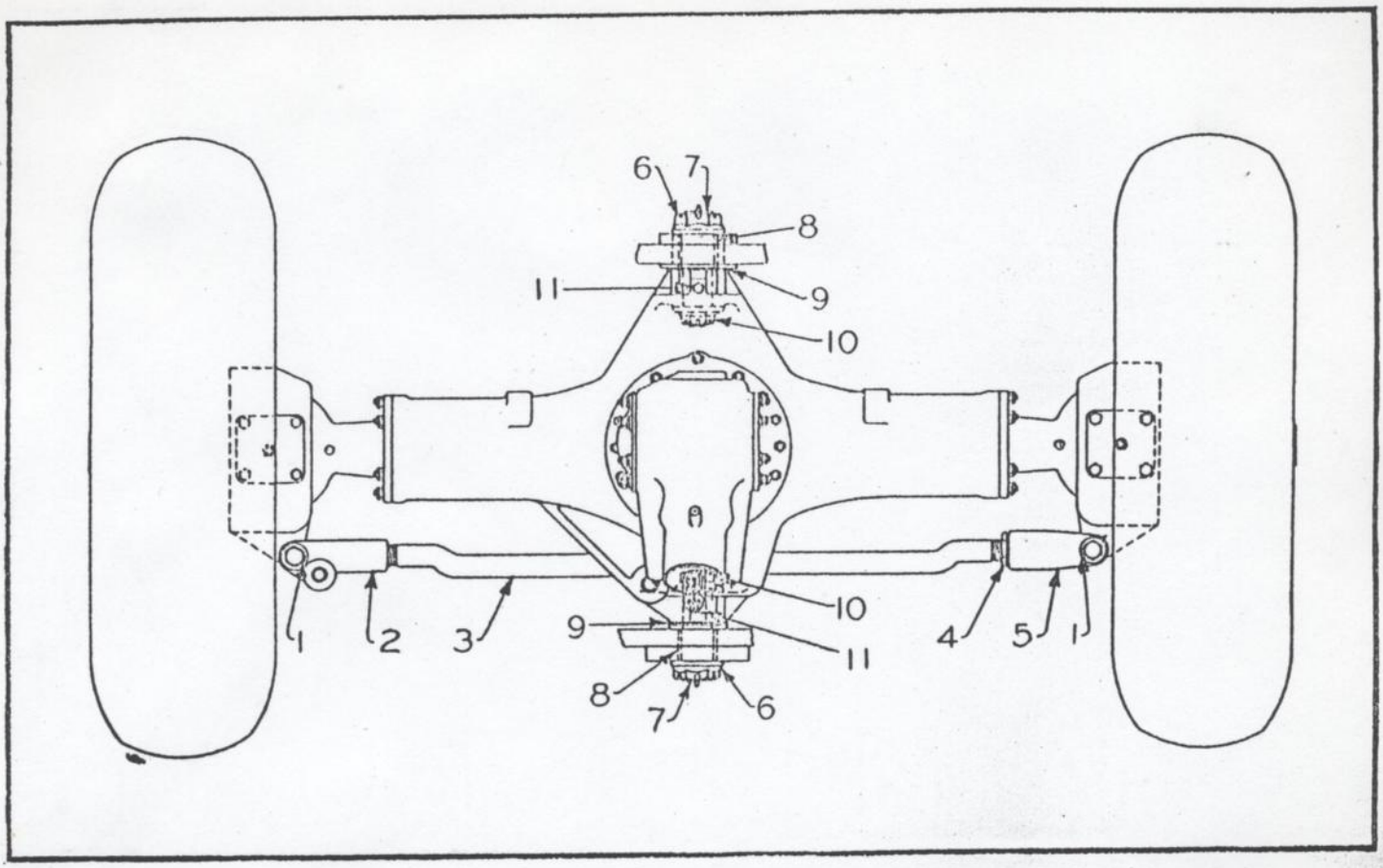
FRONT AXLE STEERING KNUCKLE, WHEEL AND TIRE
(ON PACER 300)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 14.00 x 24 - 12 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3	PGF-16693	1	RING, locking
4	PGF-16694	1	RING, side
5	PGF-16695	1	WHEEL WITH RIM (less rings)
6	PGF-16541	10	STUD, wheel
7	PGF-7357	10	NUT, wheel stud
8	PG-2398	1	HUB, wheel
9	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
10	312814	1	CONE AND ROLLERS, bearing
11	313366	1	CUP, bearing
12	312888	1	CONE AND ROLLERS, bearing
13	313407	1	CUP, bearing
14	PGF-8757	1	BOLT, fork
15	PGF-8753	1	BUSHING, knuckle flange
16	737010	1	NUT, slotted



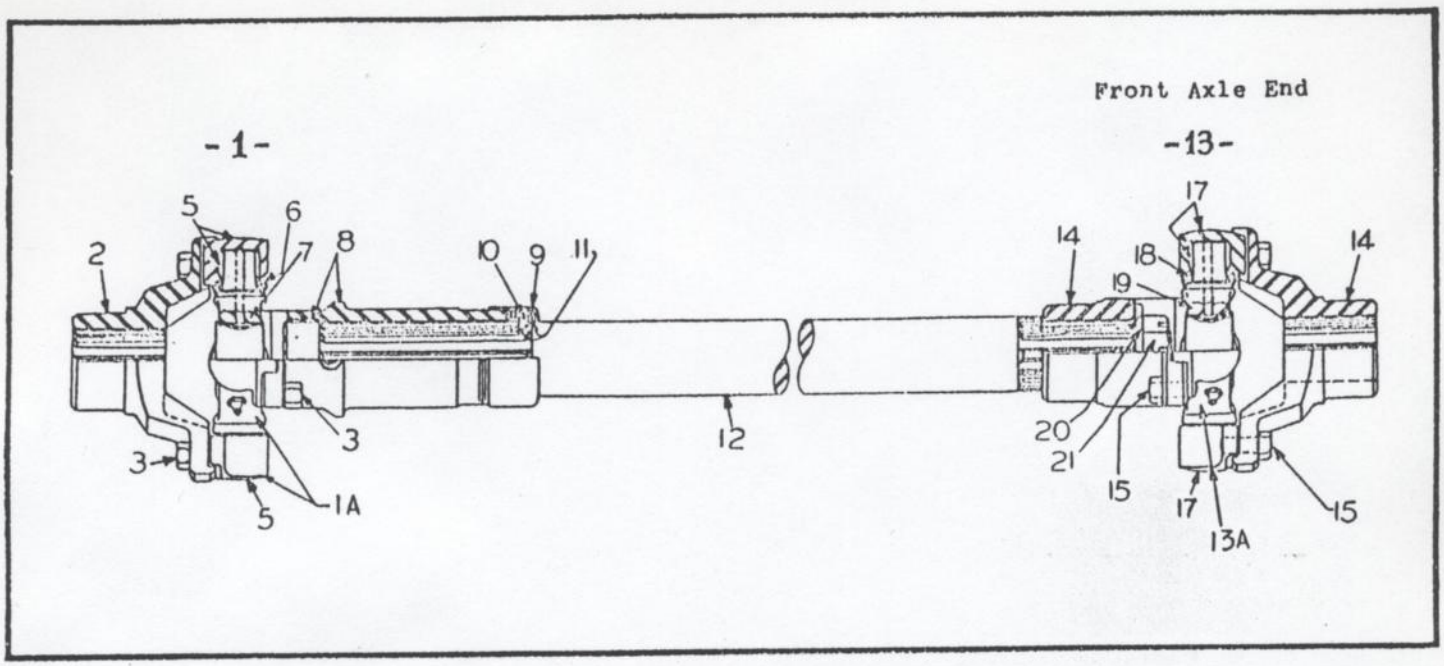
FRONT AXLE STEERING KNUCKLE, WHEEL AND TIRE
(ON SUPER 300)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 13.00 x 24 - 10 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3	PGF-16693	1	RING, locking
4	PGF-16694	1	RING, side
5	PGF-16793	1	WHEEL WITH RIM (Less rings)
6	PGF-16541	10	STUD, wheel
7	PGF-7357	10	NUT, wheel stud
8	PG-2397	1	HUB, wheel
9	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
10	312814	1	CONE AND ROLLERS, bearing
11	313366	1	CUP, bearing
12	312888	1	CONE AND ROLLERS, bearing
13	313407	1	CUP, bearing
14	PGF-8757	1	BOLT, fork
15	PGF-8753	1	BUSHING, knuckle flange
16	737010	1	NUT, slotted



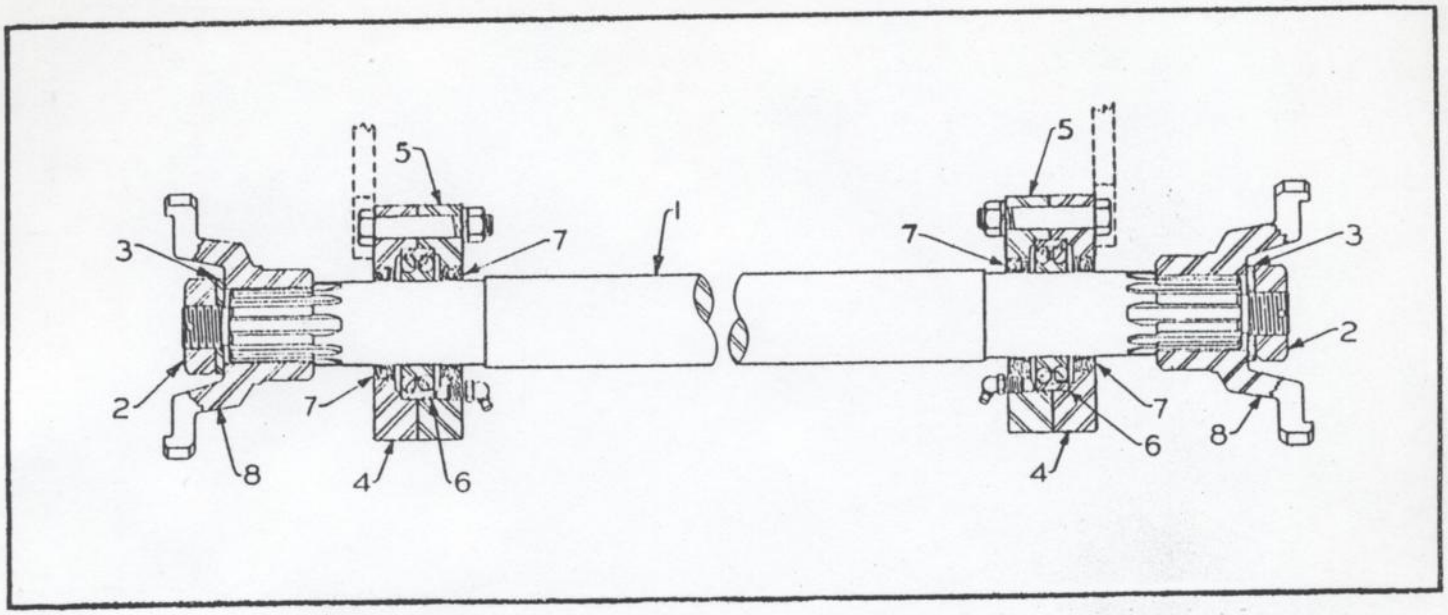
FRONT AXLE TIE ROD AND AXLE SUPPORT

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-13270	2	PIN, locking (for fork bolt)
2	PG-2210	1	FORK (also order PGF-13270 pin)
3	PGF-8835	1	ROD, tie
4	PGF-3955	1	NUT, adjusting
5	PG-2211	1	FORK (also order PGF-13270 pin)
6	PG-A-1771	2	NUT, large
7	PGF-9087	2	PIN, pivot
8	PGF-8738	2	BUSHING, frame
9	PGF-9263	2	WASHER
10	PG-2478	2	NUT, small
11	755135	2	SETSCREW, cup point



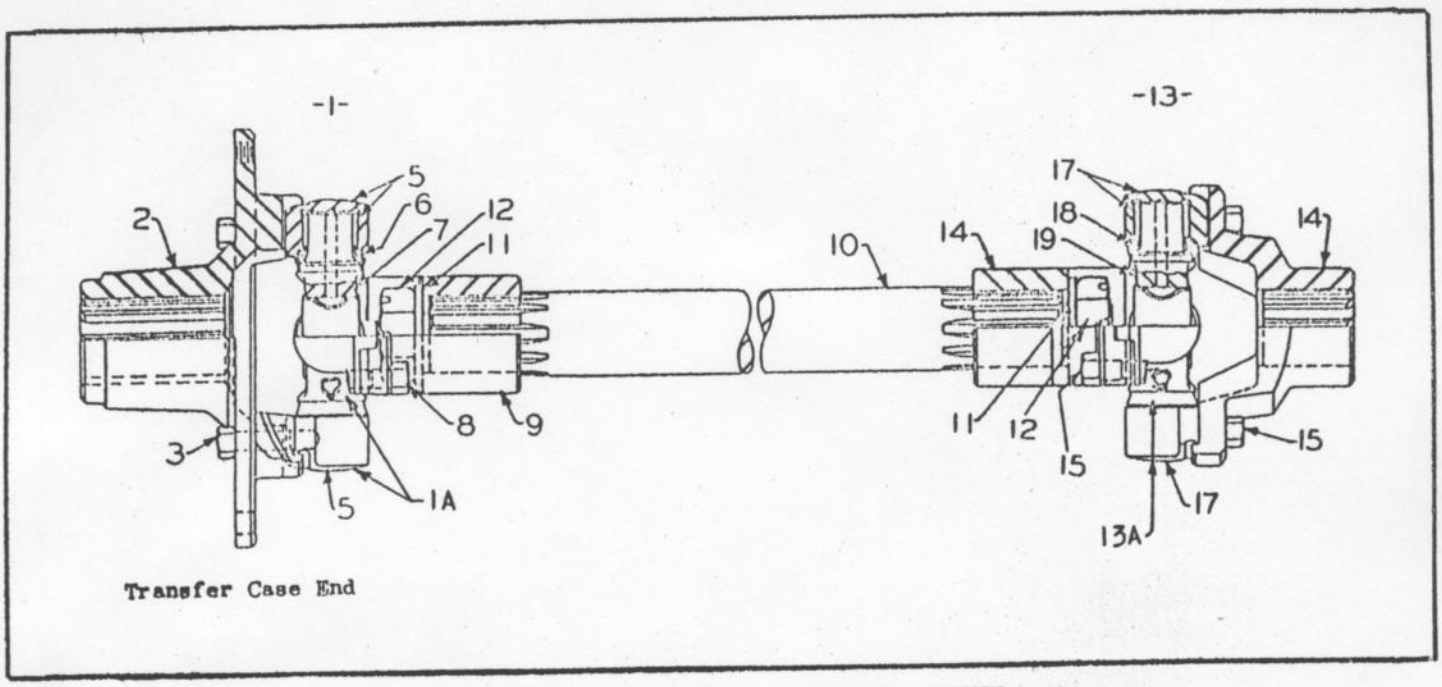
FRONT SECTION OF FRONT PROPELLER SHAFT

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17172	1	KNUCKLE GROUP (includes Ref. Nos. 2 to 11 Inclusive)
1A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	PGF-18670	1	YOKE, fitting
3	PGF-9717-55	8	CAPSCREW
5		4	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465149	4	WASHER, cork
7		1	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465295	1	SLIP YOKE, with dust cup
9	465008	1	RETAINER, felt
10	465016	1	FELT
11	465015	2	WASHER, felt retainer
12	PGF-17171	1	SHAFT
13	PGF-8588	1	KNUCKLE GROUP (includes Ref. Nos. 14 to 19 inclusive)
13A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 17, 18 and 19 assembled)
14	PGF-18670	1	YOKE, fitting
15	PGF-9717-55	8	CAPSCREW
17		4	BEARING GROUP (not sold separately. Order Ref. No. 13A)
18	465149	4	WASHER, cork
19		1	SPIDER GROUP (not sold separately. Order Ref. No. 13A)
20	PGF-4864	1	WASHER
21	PGF-15388	1	NUT, slotted



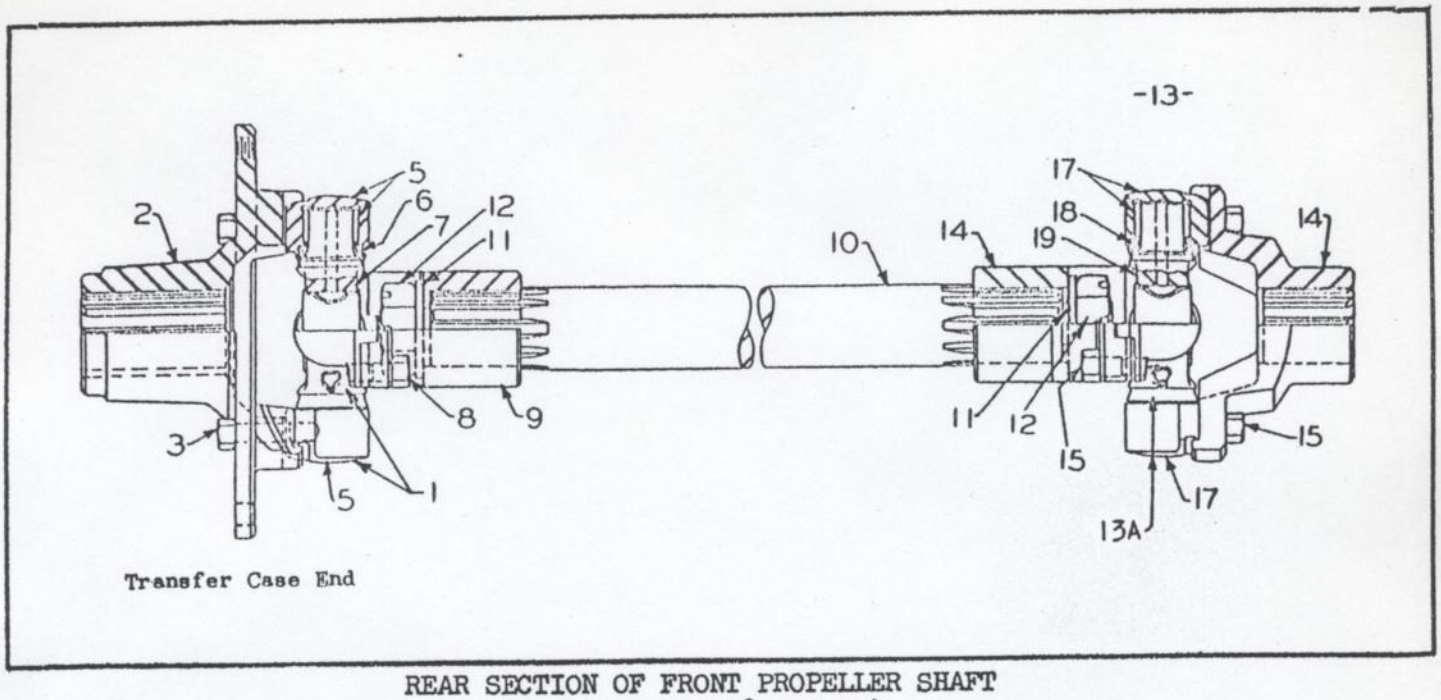
CENTER SECTION OF FRONT PROPELLER SHAFT

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17079	1	SHAFT
2	PGF-15388	2	NUT, slotted
3	PGF-4864	2	WASHER
4	PGF-10140	2	HOUSING, bearing - outer
5	PGF-10141	2	HOUSING, bearing - inner
6	314060	2	BEARING, ball
7	PGF-8861	4	SEAL, oil
8	PGF-18670	2	YOKE, fitting



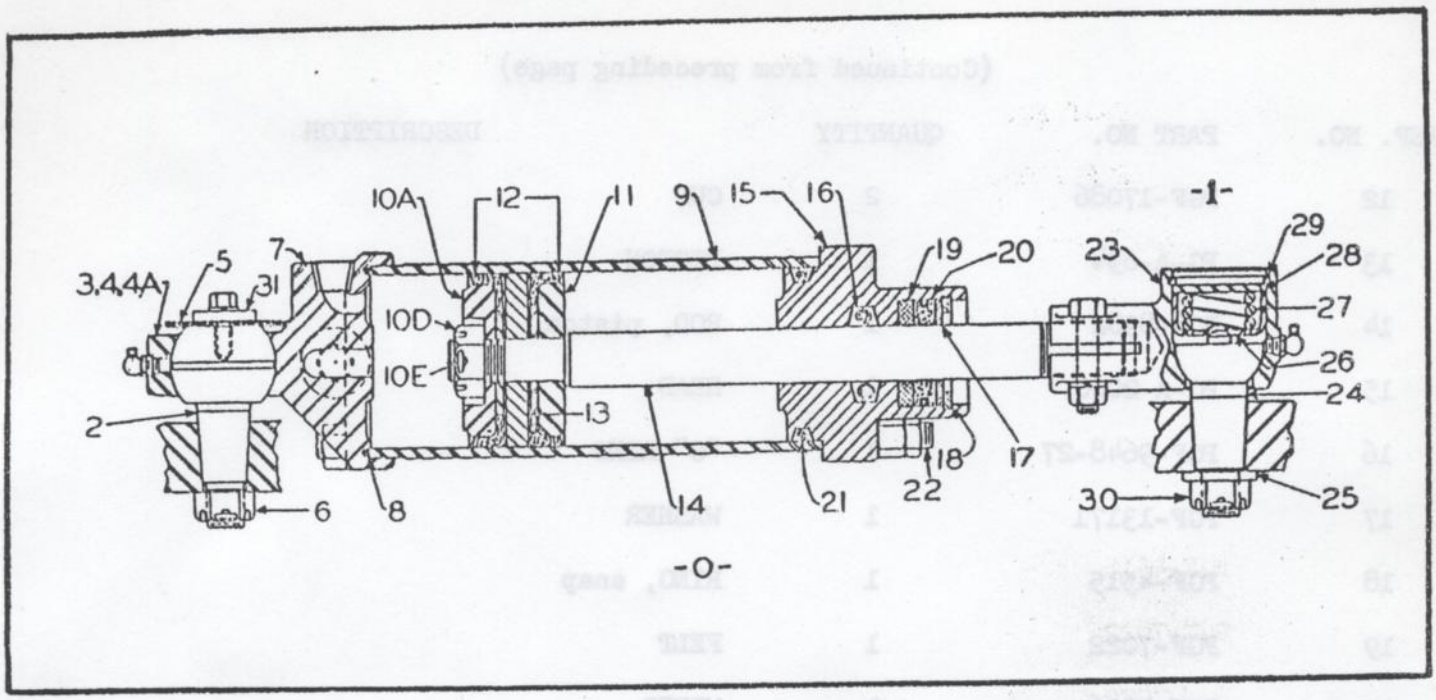
REAR SECTION OF FRONT PROPELLER SHAFT
(Machine up to S-9136 inclusive)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-8807	1	KNUCKLE AND BRAKE FLANGE GROUP (includes Ref. Nos. 2 to 9 inclusive)
1A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 5,6, and 7 assembled)
2	PGF-8807-55	1	FLANGE, brake
3	PGF-8807-58	4	CAPSCREW, brake flange
5		4	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465149	4	WASHER, cork
7		1	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	PGF-9717-55	4	CAPSCREW
9	PGF-18670	1	YOKE, fitting
10	PGF-17080	1	SHAFT
11	PGF-4864	2	WASHER
12	PGF-15388	2	NUT, slotted
13	PGF-8588	1	KNUCKLE GROUP (includes Ref. Nos. 14 to 19 inclusive)
13A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 17, 18 and 19 assembled)
14	PGF-18670	2	YOKE, fitting
15	PGF-9717-55	8	CAPSCREW
17		4	BEARING GROUP (not sold separately. Order Ref. No. 13A)
18	465149	4	WASHER, cork
19		1	SPIDER GROUP (not sold separately. Order Ref. No. 13 A)



REAR SECTION OF FRONT PROPELLER SHAFT
(Machines S-9138 and Up)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18913	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 5,6 and 7 assembled)
2	PGF-18624	1	FLANGE, brake
3	PGF-8807-58	4	CAPSCREW, brake flange
5		4	BEARING GROUP (not sold separately. Order Ref. No. 1)
6	465149	4	WASHER, cork
7		1	SPIDER GROUP (not sold separately. Order Ref. No. 1)
8	WRF-1679-58	4	CAPSCREW
9	PGF-18670	1	YOKE, fitting
10	PGF-18480	1	SHAFT
11	PGF-4864	2	WASHER
12	PGF-15388	2	NUT, slotted
13	PGF-8588	1	KNUCKLE GROUP (includes Ref. Nos. 14 to 19 inclusive)
13A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 17, 18 and 19 assembled)
14	PGF-8537-58	2	YOKE, fitting
15	PGF-9717-55	8	CAPSCREW
17		4	BEARING GROUP (not sold separately. Order Ref. No. 13A)
18	465149	4	WASHER, cork
19		1	SPIDER GROUP (not sold separately. Order Ref. No. 13A)



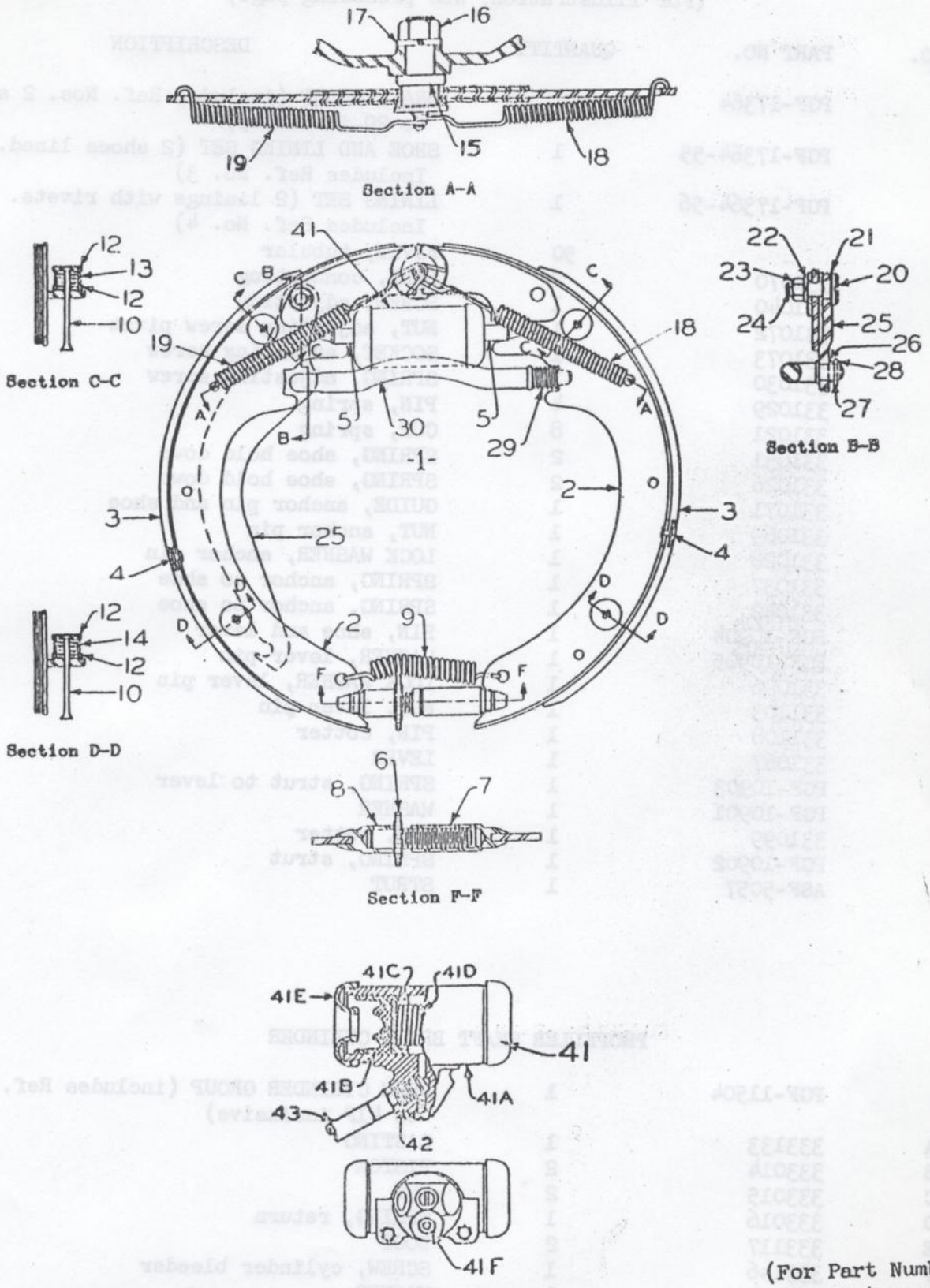
RAM FOR FRONT AXLE STEERING

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2609	1	STEERING RAM GROUP (includes Ref. Nos. 2 to 31 inclusive)
1	PGUS-9206	1	SOCKET GROUP (includes Ref. Nos. 23 to 30 inclusive)
2	PGF-8823	1	STUD, ball
3	PGF-19042	1	CAP, ball
4	MGF-1992	4	SHIM, ball cap - .024" thick
4A	PGF-11856	4	SHIM, ball cap - .010" thick
5	PGF-3318	1	WASHER
6	734010	1	NUT, slotted
7	PG-2456	1	BASE
8	PGF-9648-69	1	"O" RING
9	PGF-16372	1	CYLINDER
10A	PGF-10805	1	SPREADER, outer
10D	PGF-11547	1	NUT, slotted
10E	166037	1	PIN, cotter
11	PGF-8227	1	SPREADER, inner

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
12	PGF-17086	2	CUP
13	PG-A-694	1	PISTON
14	PGF-8982	1	ROD, piston
15	PG-A-2000	1	HEAD
16	PGF-9648-27	1	"O" RING
17	PGF-13171	1	WASHER
18	PGF-4515	1	RING, snap
19	PGF-7022	1	FELT
20	PGF-7026	1	WIPER
21	PGF-9648-1	1	"O" RING
22	PGF-16374	4	ROD, tie
23	PGF-4256	1	SOCKET
24	PGF-9939	1	STUD, ball
25	PGF-9944	1	WASHER, ball stud
26	PGF-4258	1	SEAT, spring
27	PGF-4259	1	SPRING
28	PGF-4261	1	PLUG
29	PGF-4260	1	WIRE, lock
30	737009	1	NUT, slotted
31	PGF-10314	1	PLATE, washer



(For Part Numbers, see next page)

PROPELLER SHAFT BRAKE
(14" X 2 3/4)

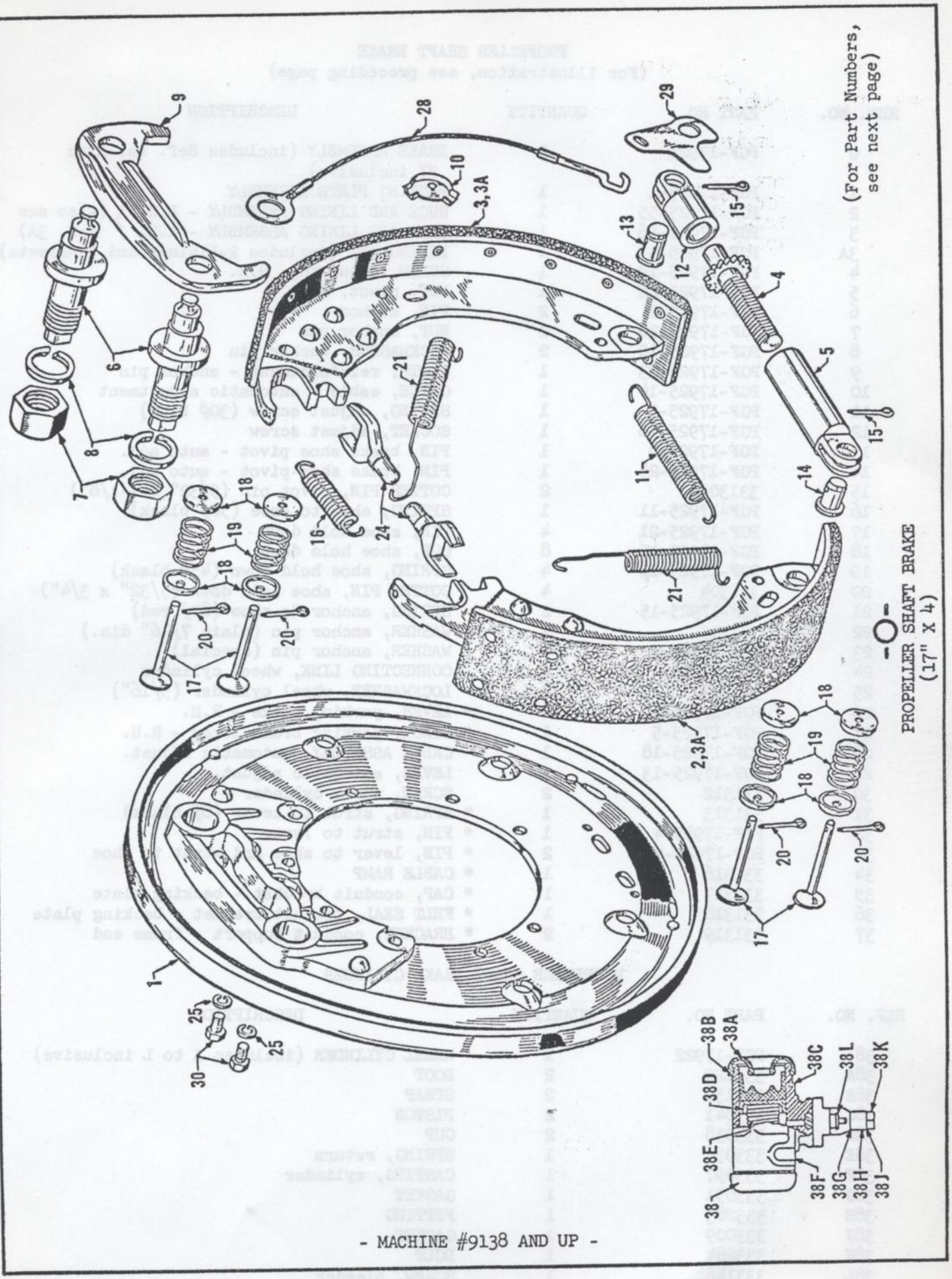
PROPELLER SHAFT BRAKE

(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17364	1	BRAKE GROUP (includes Ref. Nos. 2 and 5 to 29 inclusive)
2	PGF-17364-55	1	SHOE AND LINING SET (2 shoes lined. Includes Ref. No. 3)
3	PGF-17364-56	1	LINING SET (2 linings with rivets. Includes Ref. No. 4)
4		50	RIVET, tubular
5	331070	2	LINK, connecting
6	331040	1	SCREW, adjusting
7	331072	1	NUT, adjusting screw pivot
8	331073	1	SOCKET, adjusting screw
9	331030	1	SPRING, adjusting screw
10	331029	4	PIN, spring
12	331021	8	CUP, spring
13	331031	2	SPRING, shoe hold down
14	331026	2	SPRING, shoe hold down
15	331071	1	GUIDE, anchor pin and shoe
16	331069	1	NUT, anchor pin
17	331028	1	LOCK WASHER, anchor pin
18	331037	1	SPRING, anchor to shoe
19	331042	1	SPRING, anchor to shoe
20	PGF-10904	1	PIN, shoe and lever
21	PGF-10905	1	WASHER, lever pin
22	331096	1	LOCK WASHER, lever pin
23	331103	1	NUT, lever pin
24	331108	1	PIN, cotter
25	331067	1	LEVER
26	PGF-10903	1	SPRING, strut to lever
27	PGF-10901	1	WASHER
28	331099	1	PIN, cotter
29	PGF-10902	1	SPRING, strut
30	ASF-5057	1	STRUT

PROPELLER SHAFT BRAKE CYLINDER

41	PGF-11504	1	DRUM CYLINDER GROUP (includes Ref. Nos. 41A to 41F inclusive)
41A	333133	1	CASTING
41B	333014	2	PISTON
41C	333015	2	CUP
41D	333016	1	SPRING, return
41E	333117	2	BOOT
41F	333146	1	SCREW, cylinder bleeder
42	ASF-5451	1	WASHER
43			HOSE (see Foot Brake Mechanism page)


(For Part Numbers, see next page)
PROPELLER SHAFT BRAKE
(17" X 4)
- MACHINE #9138 AND UP -

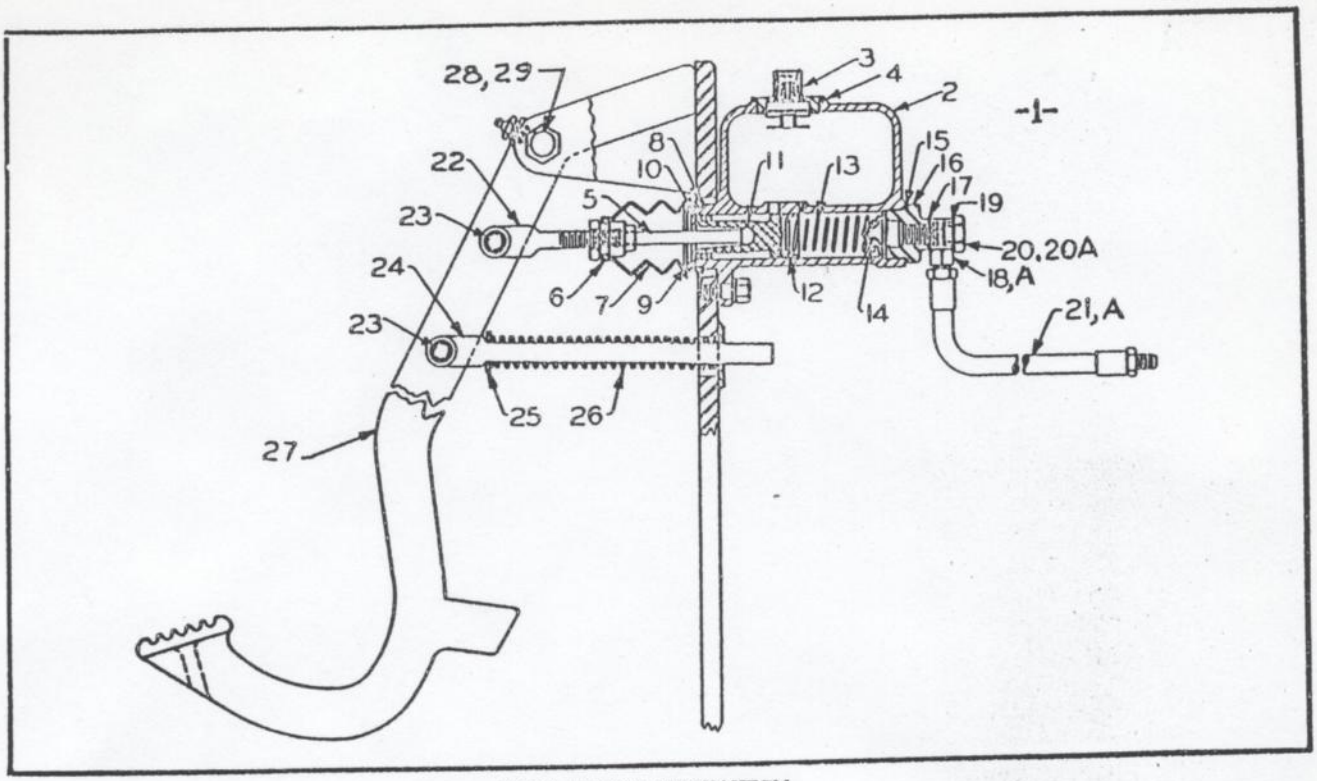
PROPELLER SHAFT BRAKE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17925	1	BRAKE ASSEMBLY (includes Ref. No. 1 to 37 inclusive)
1	PGF-17925-1	1	BACKING PLATE ASSEMBLY
2	PGF-17925-55	1	SHOE AND LINING ASSEMBLY - L.H. (Also see
3	PGF-17925-56	1	SHOE AND LINING ASSEMBLY - R.H. Ref. 3A)
3A	PGF-17925-57	1	LINING KIT (includes 2-Linings and 32-Rivets)
4	PGF-17925-19	1	SCREW, adjusting, R.H.
5	PGF-17925-22	1	NUT, pivot, R.H.
6	PGF-17925-2	2	PIN, anchor
7	PGF-17925-20	2	NUT, anchor pin
8	PGF-17925-10	2	LOCKWASHER, anchor pin
9	PGF-17925-23	1	PLATE, reinforcement - anchor pin
10	PGF-17925-14	1	GUIDE, cable - automatic adjustment
11	PGF-17925-3	1	SPRING, adjust screw (30# blue)
12	PGF-17925-16	1	SOCKET, adjust screw
13	PGF-17925-8	1	PIN, brake shoe pivot - auto adj.
14	PGF-17925-24	1	PIN, brake shoe pivot - auto adj.
15	331301	2	COTTER PIN, pivot pin (5/32" x 1-1/8")
16	PGF-17925-11	1	SPRING, shoe to shoe (50# black)
17	PGF-17925-21	4	PIN, shoe hold down
18	PGF-17925-17	8	CUP, shoe hold down
19	PGF-17925-12	4	SPRING, shoe hold down (45# black)
20	331304	4	COTTER PIN, shoe hold down (5/32" x 3/4")
21	PGF-17925-15	2	SPRING, anchor to shoe (80# red)
22	331305	1	* WASHER, anchor pin (plain 7/16" dia.)
23	PGF-17925-7	1	* WASHER, anchor pin (special)
24	PGF-18705	2	CONNECTING LINK, wheel cylinder
25	331223	2	LOCKWASHER, wheel cylinder (5/16")
26	PGF-17925-6	1	* LEVER, parking brake - R.H.
27	PGF-17925-5	1	* STRUT, parking brake lever - R.H.
28	PGF-17925-18	1	CABLE ASSEMBLY, automatic adjust.
29	PGF-17925-13	1	LEVER, automatic adjust.
30	331312	2	SCREW, wheel cylinder
31	331313	1	* SPRING, strut to lever (8# black)
32	PGF-17925-4	1	* PIN, strut to lever
33	PGF-17925-9	2	* PIN, lever to shoe and strut to shoe
34	331316	1	* CABLE RAMP
35	331317	1	* CAP, conduit bracket - backing plate
36	331318	1	* FELT SEAL, conduit bracket - backing plate
37	331319	2	* BRACKET, conduit support - frame end

PROPELLER SHAFT BRAKE CYLINDER

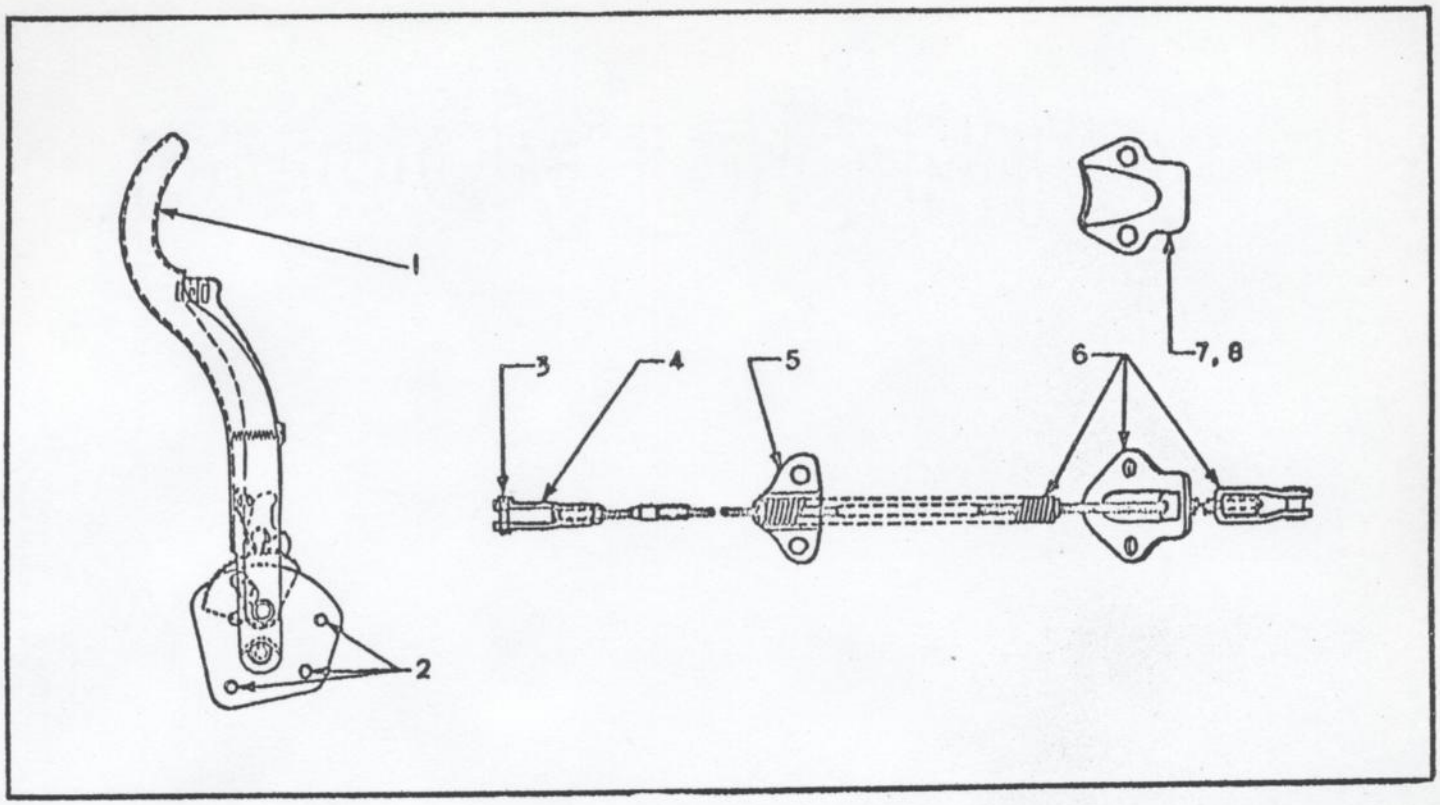
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
38	PGF-17922	1	WHEEL CYLINDER (includes A to L inclusive)
38A	333129	2	BOOT
38B	333130	2	STRAP
38C	333041	2	PISTON
38D	333038	2	CUP
38E	333037	1	SPRING, return
38F	333097	1	CASTING, cylinder
38G	333051	1	GASKET
38H	333283	1	FITTING
38J	333009	1	GASKET
38K	333284	1	BOLT
38L	333146	1	SCREW, bleeder

Note: * Parts not illustrated.



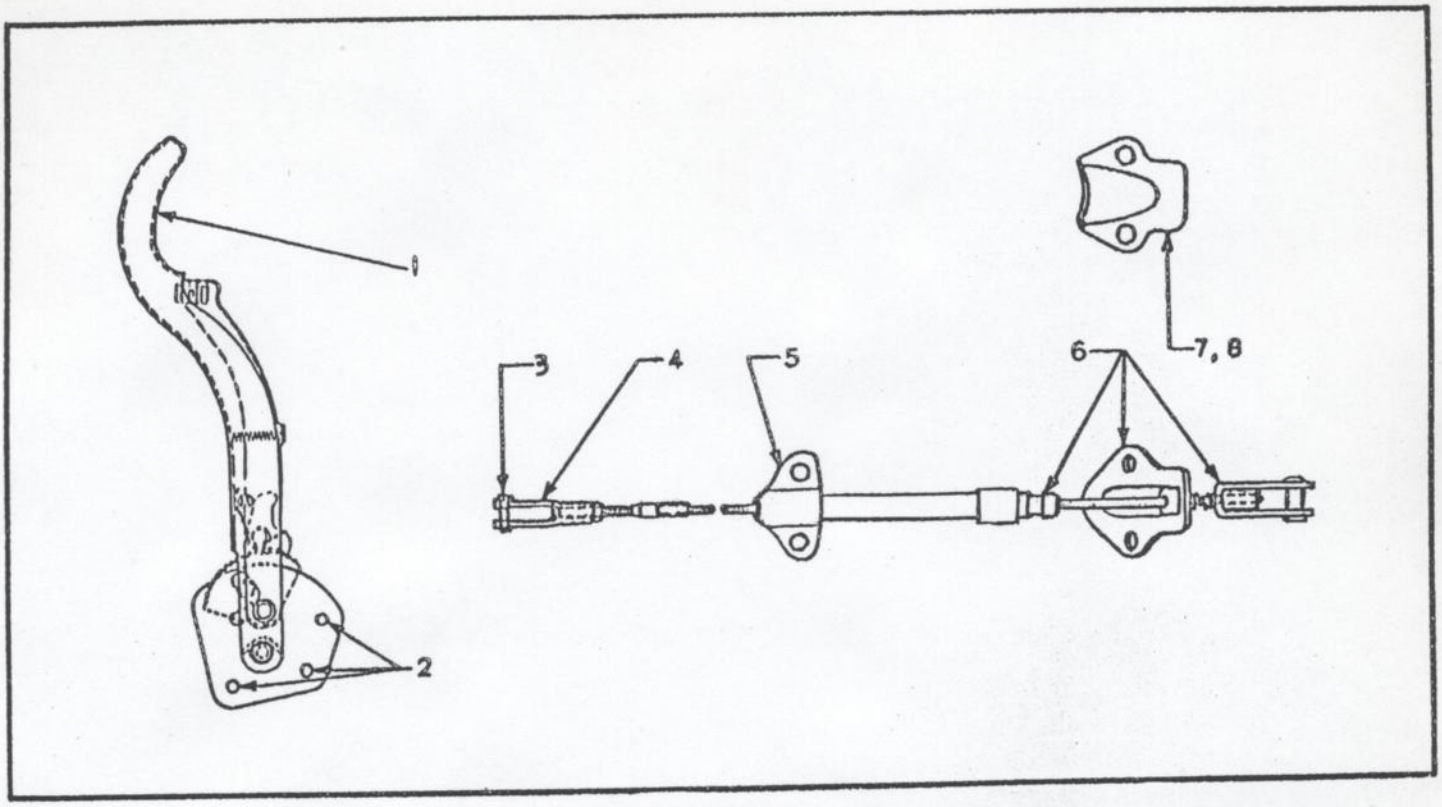
FOOT BRAKE MECHANISM
(PROPELLER SHAFT BRAKE)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-9485	1	MASTER CYLINDER GROUP (includes Ref. Nos. 2 to 16 inclusive)
2	333131	1	TANK, supply
3	333151	1	PLUG, filler
4	333141	1	GASKET, filler plug
5	333082	1	LINK, piston
6	333032	1	STRAP, boot - small
7	333084	1	BOOT
8	333085	1	STRAP, boot - large
9	333107	1	WIRE, piston stop
10	333108	1	WASHER, piston stop
11	333106	1	PISTON GROUP
12	333072	1	CUP
13	333099	1	SPRING, return
14	333152	1	CHECK VALVE GROUP, dome type
15	333107	1	GASKET, head
16	333111	1	HEAD
17	PGF-10896	1	GASKET
18	PGF-14185	1	CONNECTION, outlet
18A	PGF-18726	1	FITTING (used with Ref. 21A)
19	PGF-12248	1	GASKET
20	PGF-14186	1	BOLT, fitting
20A	PGF-12249	1	BOLT, fitting - (has 1/8" NPT) (Special order for machines with stop and tail lights)
21	PGF-17560	1	HOSE
21A	PGF-18724	1	HOSE (has 1/8" - 27 N.P.T. One End)
22	PGF-9766	1	YOKE
23	783005	2	PIN
24	PGF-9767	1	ROD
25	765006	1	WASHER
26	MSF-853	1	SPRING
27	PG-1828	1	PEDAL
28	PGF-18925	1	BOLT
29	911007	1	NUT, huglock



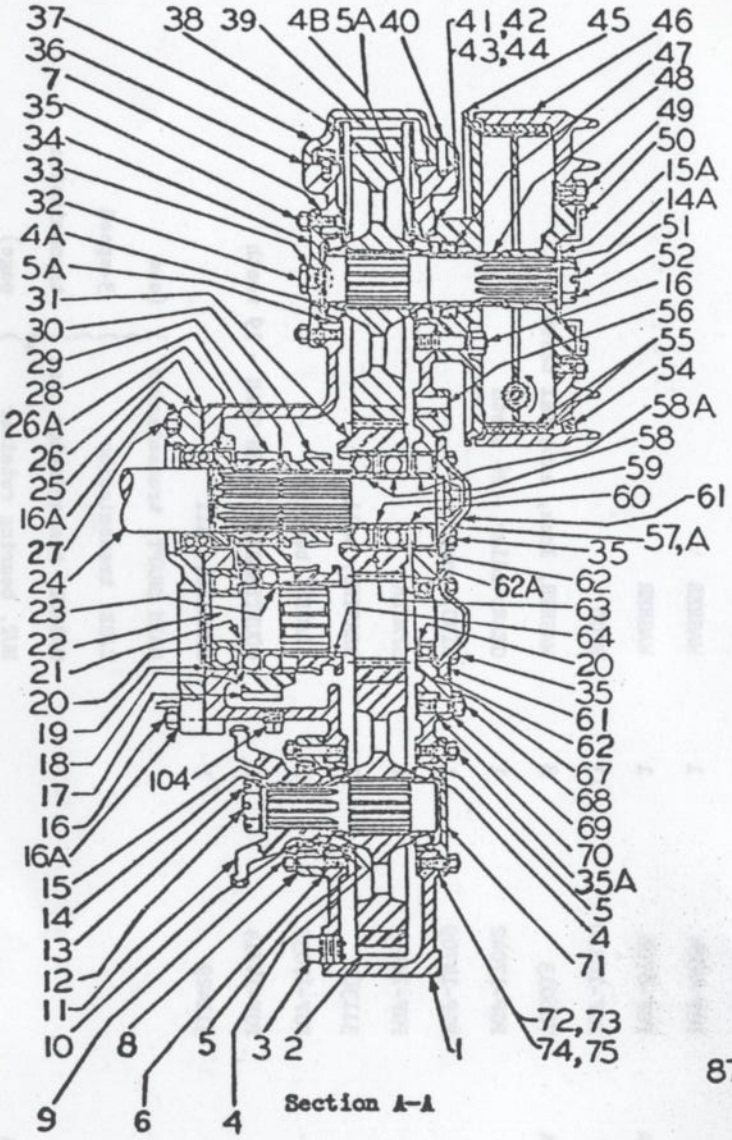
HAND BRAKE MECHANISM
(PROPELLER SHAFT BRAKE)
(Machines Up to S-9136 Inclusive)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14797	1	HAND BRAKE, complete
2	PGF-5982	3	SPACER
3	HCF-9673	1	PIN, yoke
4	PGF-6791	1	YOKE
5	PGF-8979	1	BRACKET, conduit
6	PGF-8971	1	CABLE AND CONDUIT GROUP
7	ASF-6009	1	CAP, bracket
8	ASF-6008	1	SEAL, bracket cap

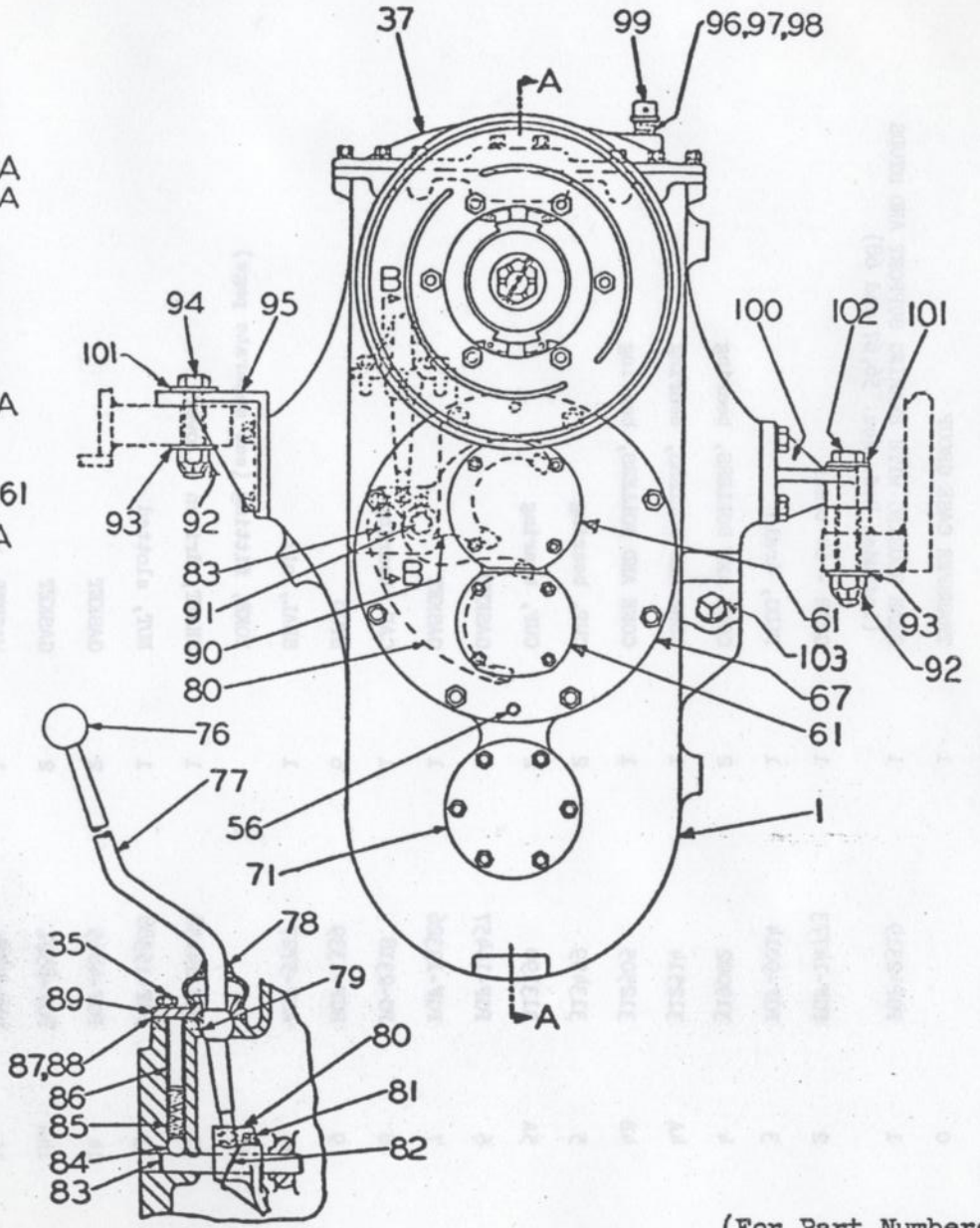


HAND BRAKE MECHANISM
(Machines S-9138 and Up)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14797	1	HAND BRAKE, complete
2	PGF-5982	3	SPACER
3	HCF-9673	1	PIN, yoke
4	PGF-6791	1	YOKE
5	PGF-8979	1	BRACKET, conduit
6	PGF-17768	1	CABLE AND CONDUIT GROUP
7	PGF-18712	1	CAP, bracket
8	PGF-18728	1	SEAL, bracket cap



Section A-A



Section B-B

-0-

(For Part Numbers, see next page)

TWO SPEED TRANSFER CASE
(With 14" x 2 3/4 Brake)

TWO SPEED TRANSFER CASE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	TRANSFER CASE GROUP
1	PGP-2319	1	GEAR HOUSING WITH BEARING SUPPORT AND STUDS (includes Ref. Nos. 56,67 and 68)
2	PGF-14773	1	GEAR - 64 teeth
3	PGF-9014	1	PLUG, drain
4	319002	2	CONE AND ROLLERS, bearing
4A	312514	1	CONE AND ROLLERS, bearing
4B	312505	1	CONE AND ROLLERS, bearing
5	313459	2	CUP, bearing
5A	313190	2	CUP, bearing
6	PGF-14457	1	GASKET
7	PGF-13326	1	GASKET
8	PG-2318	1	CAP, bearing
9	HCF-1339	6	STUD
10	ASF-5727	1	SEAL, oil
11			YOKE, fitting (see separate page)
12	PGF-14458	1	SHAFT, driven - lower
13	PGF-15388	1	NUT, slotted
14	PGF-4865	2	GASKET
14A	PGF-8521	2	GASKET
15	PGF-4864	1	WASHER
15A	PGF-8706	1	WASHER
16	PGF-16310	13	STUD
16A	766013	8	WASHER, lock, external teeth
17	PGF-17042	1	GEAR, idler - 28 teeth
18	PGF-14709	1	RING, snap
19	PGF-14459	1	SPACER
20	311367	2	BEARING, ball
21	PGF-17039	1	SPACER, bearing
22	PGF-14714	1	COUNTERSHAFT IDLER GEAR - 19 teeth
23	311429	1	BEARING, ball
24			MAIN SHAFT, transmission) (see
25			CASE, transmission) 3-speed
26			GASKET, transmission case) transmission
26A			NUT, bearing retainer) page)
27	PGF-11645	2	STUD
28	PGF-11339	1	PINION, drive - 15 teeth

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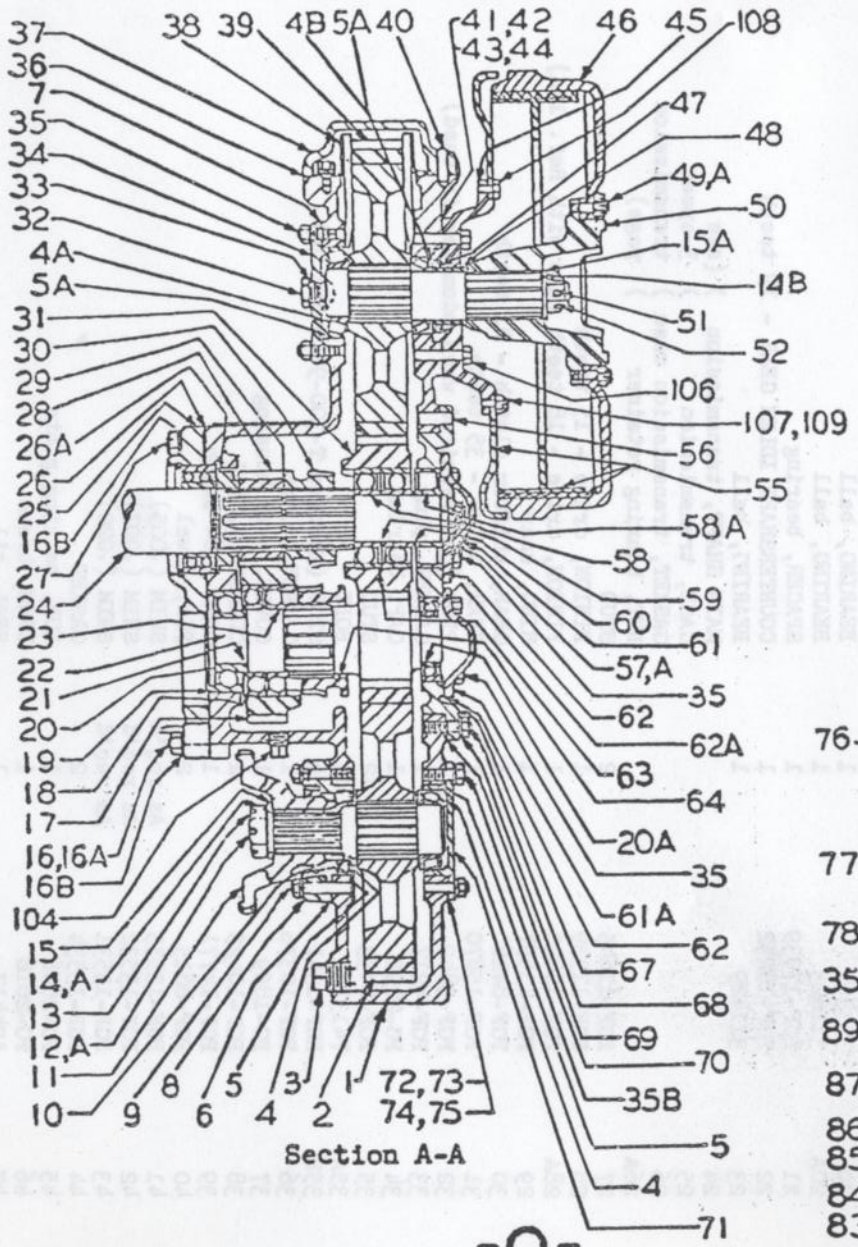
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
29	PGF-13557	1	RING, snap
30	PGF-8426	1	GEAR, shifter clutch - 21 teeth
31	PGF-15870	1	GEAR, drive - 35 teeth
32	PGF-3849	1	PLUG (not required when odometer is used)
33	PGF-4217	1	GASKET, plug
34	PG-2292	1	CAP, bearing
35	PGF-8433	16	STUD
35A	HCF-1341	6	STUD
36	PGF-10376	1	GASKET, cover
37	PG-1859	1	COVER, gear housing
38	PGF-10425	2	COLLECTOR, oil
39	PGF-14771	1	GEAR - 64 teeth
40	PGF-8815	2	PIN, dowel
41	PGF-13533	As req'd	SHIM (.005)
42	PGF-13532	As req'd	SHIM (.007)
43	PGF-13531	As req'd	SHIM (.020)
44	PGF-13534	2	GASKET
45	PG-1682	1	PLATE, backing
46	PG-2141	1	DRUM, brake
47	PGF-8809	1	SEAL, oil
48	PGF-12593	1	SPACER
49	PGF-8855	6	STUD
50			FLANGE, brake (see separate page)
51	PGF-13149	1	SHAFT, driven - upper
52	PGF-8708	1	NUT, slotted
54	812002	4	PLUG, pipe
55			PROPELLER SHAFT BRAKE GROUP (see separate page)
56	PGF-10589	2	PIN, dowel
57	PGF-16117	1	WASHER, main shaft bearing
57A	911008	1	NUT, huglock (for main shaft)
58	311392	2	BEARING, ball
58A	318546	1	BEARING, roller
59	PGF-14705	1	SPACER, bearing
60	PGF-17170	1	SPACER
61	PG-2454	2	CAP, bearing
62	PGF-14704	2	GASKET
62A	PGF-17041	3	SHIM (.010)
63	PGF-14708	1	RING, snap
64	PGF-17043	1	GEAR, shifter clutch - 24 teeth

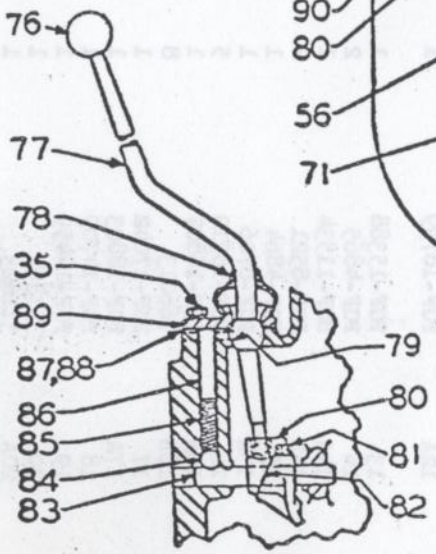
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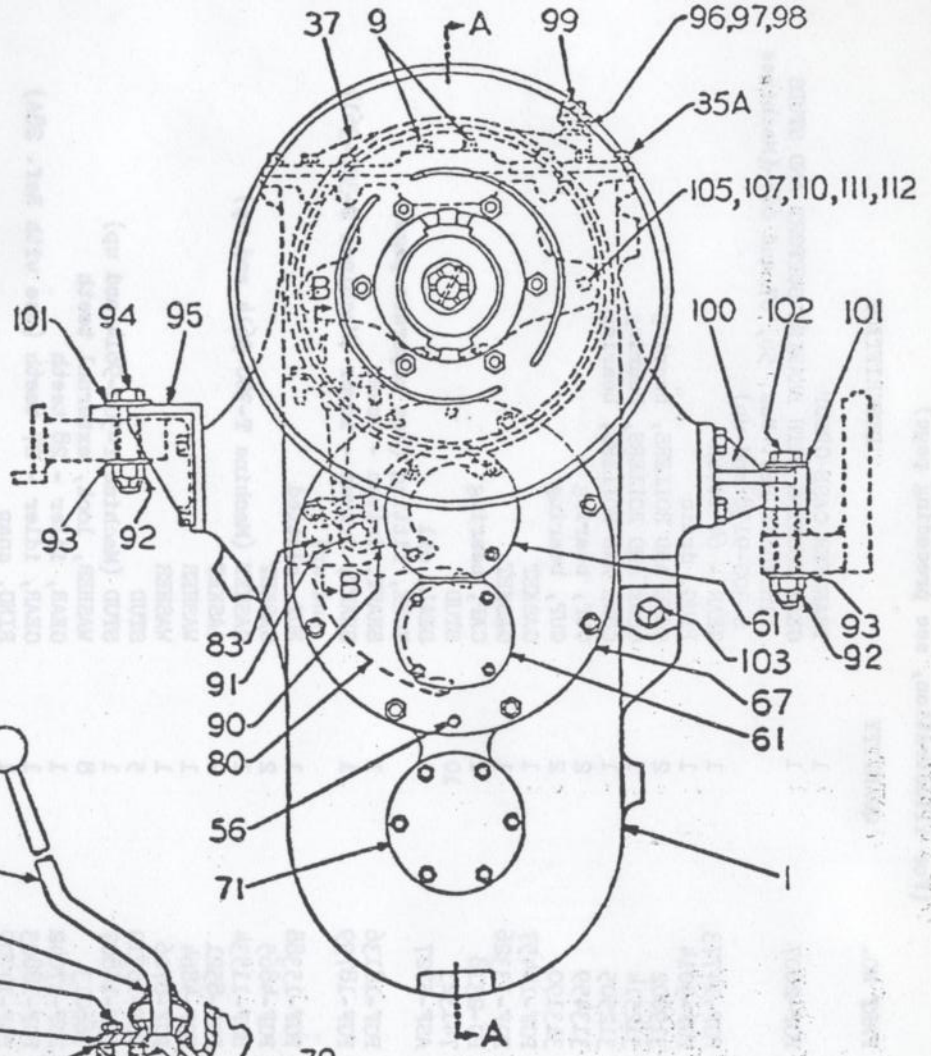
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
67	PG-2320	1	SUPPORT, bearing
68	PGF-16347	8	STUD
69	766011	8	WASHER, lock, external teeth
70	PGF-10375	1	GASKET
71	PG-2294	1	CAP, bearing
72	PGF-14715	As req'd	SHIM (.005)
73	PGF-14716	As req'd	SHIM (.007)
74	PGF-14717	As req'd	SHIM (.020)
75	PGF-14718	2	GASKET
76	PGF-7721	1	BALL, shift lever
77	PGF-10853	1	LEVER, shift
78	PGF-9157	1	COVER, dust
79	PGF-11428	1	PIN, lock, shift lever
80	PG-1922	1	FORK, shift - low range
81	PGF-11675	2	SCREW, lock
82	PGF-11756	2	WIRE, locking
83	PGF-15874	1	ROD, shift - low range
84	PGF-8638	2	BALL
85	PGF-16128	2	SPRING
86	PGF-16126	2	SPACER, spring
87	PGF-10843	6	SHIM (.005)
88	PGF-10871	2	GASKET
89	PG-1949	1	SOCKET, shift lever
90	PG-1923	1	FORK, shift - high range
91	PGF-15875	1	ROD, shift - high range
92	914008	2	NUT, huglock
93	PGF-8867	2	WASHER (1/4")
94	742833	1	BOLT, right hand support
95	PGF-14474	1	SUPPORT, right hand
96	PGU-1741-A	1	BREATHER GROUP (includes Ref. Nos. 97, 98 and 99)
97	PGP-9974	1	TUBE WITH PIN
98	PGF-10037	1	ELEMENT
99	PGF-5166	1	CAP
100	PG-2327	1	SUPPORT, left hand
101	762009	2	WASHER, plain (5/32")
102	742841	1	BOLT, left hand support
103	810005	1	PLUG, oil level and filler
104	810001	1	PLUG, drain



Section A-A



Section B-B



(For Part Numbers, see next page)

TWO SPEED TRANSFER CASE
(With 17" x 4" Brake)

TWO SPEED TRANSFER CASE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	TRANSFER CASE GROUP
1	PGP-2607	1	GEAR HOUSING WITH BEARING SUPPORT AND STUDS (includes Ref. Nos. 56, 67 and 68)-(Machines S-300-9138 and up)
2	PGF-14773	1	GEAR - 64 teeth
3	PGF-9014	1	PLUG, drain
4	319002	2	CONE AND ROLLERS, bearing
4A	312514	1	CONE AND ROLLERS, bearing
4B	312505	1	CONE AND ROLLERS, bearing
5	313459	2	CUP, bearing
5A	313190	2	CUP, bearing
6	PGF-14457	1	GASKET
7	PGF-13326	1	GASKET
8	PG-2318	1	CAP, bearing
9	741323	10	STUD
10	ASF-5727	1	SEAL, oil
11			YOKE, fitting (see separate page)
12	PGF-18136	1	SHAFT, driven - lower
12A	PGF-18799	1	SHAFT, driven - lower (Machines T-300-9614 and up)
13	PGF-15388	1	NUT, slotted
14	PGF-4865	2	GASKET
14A	HCF-11534	1	GASKET (Machine T-300-9614 and up)
14B	PGF-8521	2	GASKET
15	PGF-4864	1	WASHER
15A	PGF-8706	1	WASHER
16	PGF-16310	5	STUD
16A	PGF-18807	1	STUD (Machine T-300-9614 and up)
16B	766013	8	WASHER, lock, external teeth
17	PGF-17042	1	GEAR, idler - 28 teeth
17A	PGF-18803	1	GEAR, idler - 27 teeth (use with Ref. 28A)
18	PGF-14709	1	RING, snap
19	PGF-14459	1	SPACER
20	311367	1	BEARING, ball
20A	311623	1	BEARING, ball
21	PGF-17039	1	SPACER, bearing
22	PGF-18252	1	COUNTERSHAFT IDLER GEAR - 19 teeth
23	311429	1	BEARING, ball
24			MAIN SHAFT, transmission) (see
25			CASE, transmission) 3-speed
26			GASKET, transmission case) transmission
26A			NUT, bearing retainer) page)
27	PGF-11645	2	STUD
28	PGF-11339	1	PINION, drive - 15 teeth
28A	PGF-18800	1	PINION, drive - 16 teeth (use with Ref. 17A)
29	PGF-13557	1	RING, snap
30	PGF-8426	1	GEAR, shifter clutch - 21 teeth
31	PGF-15870	1	GEAR, drive - 35 teeth
32	PGF-3849	1	PLUG (not required when odometer is used)
33	PGF-4217	1	GASKET, plug
34	PG-2292	1	CAP, bearing
35	PGF-8433	12	STUD
35A	741319	14	BOLT
35B	HCF-1341	6	STUD (Machine T-300-9614 and up)
36	PGF-10376	1	GASKET, cover
37	PG-1859	1	COVER, gear housing
38	PGF-10425	2	COLLECTOR, oil
39	PGF-14771	1	GEAR - 64 teeth
40	PGF-8815	2	PIN, dowel
41	PGF-13533	As req'd	SHIM (.005)
42	PGF-13532	As req'd	SHIM (.007)
43	PGF-13531	As req'd	SHIM (.020)
44	PGF-13534	2	GASKET
45	PG-2606	1	HUB, backing plate
46	PG-2616	1	DRUM, brake
47	194417	1	SEAL, oil

Note: 17" brake parts effective on Machine S-300-9138 and up.

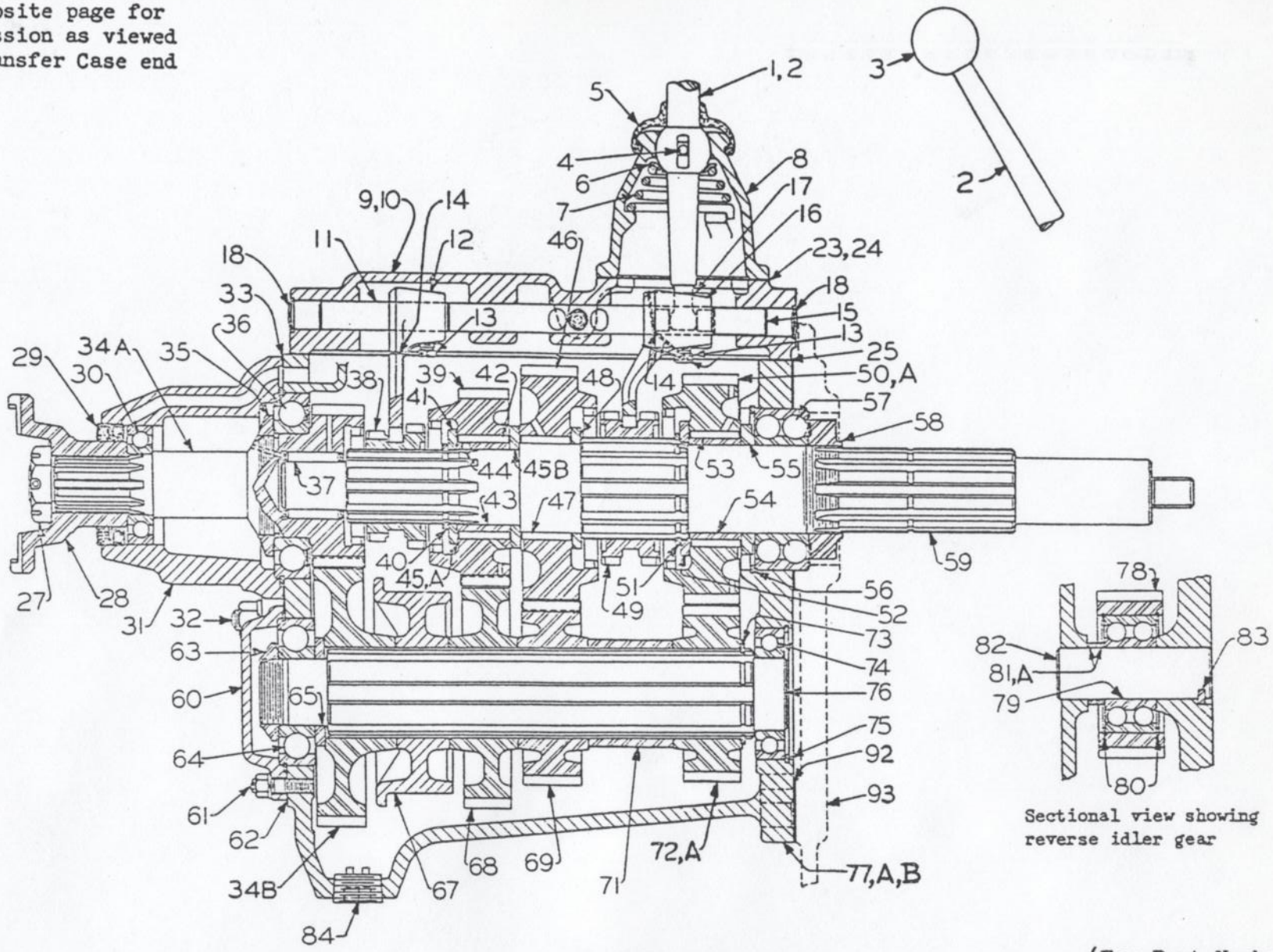
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
48	PGF-18890	1	SPACER
49	PGF-17928	8	STUD
49A	911005	8	NUT
50			FLANGE, brake (see separate page)
51	PGF-13149	1	SHAFT, driven - upper
52	PGF-8708	1	NUT, slotted
55			PROPELLER SHAFT BRAKE GROUP (see separate page)
56	PGF-10589	2	PIN, dowel
57	PGF-16117	1	WASHER, main shaft bearing
57A	911008	1	NUT, huglock (for main shaft)
58	311392	2	BEARING, ball
58A	318546	1	BEARING, roller
59	PGF-14705	1	SPACER, bearing
60	PGF-17170	1	SPACER
61	PG-2454	1	CAP, bearing
61A	PG-2542	1	CAP, bearing
62	PGF-14704	2	GASKET
62A	PGF-17041	3	SHIM (.010)
63	PGF-14708	1	RING, snap
64	PGF-17043	1	GEAR, shifter clutch - 24 teeth
67	PG-2588	1	SUPPORT, bearing
68	PGF-16347	8	STUD
69	766011	8	WASHER, lock, external teeth
70	PGF-10375	1	GASKET
71	PG-2294	1	CAP, bearing
72	PGF-14715	As req'd	SHIM (.005)
73	PGF-14716	As req'd	SHIM (.007)
74	PGF-14717	As req'd	SHIM (.020)
75	PGF-14718	2	GASKET
76	PGF-7721	1	BALL, shift lever
77	PGF-18326	1	LEVER, shift
78	PGF-9157	1	COVER, dust
79	PGF-18308	1	PIN, lock, shift lever
80	PG-1922	1	FORK, shift - low range
81	PGF-11675	2	SCREW, lock
82	PGF-11756	2	WIRE, locking
83	PGF-15874	1	ROD, shift - low range
84	PGF-8638	2	BALL
85	PGF-16128	2	SPRING
86	PGF-16126	2	SPACER, spring
87	PGF-10843	6	SHIM (.005)
88	PGF-10871	2	GASKET
89	PG-1949	1	SOCKET, shift lever
90	PG-1923	1	FORK, shift - high range
91	PGF-15875	1	ROD, shift - high range
92	914008	2	NUT, huglock
93	PGF-8867	2	WASHER (1/4")
94	742833	1	BOLT, right hand support
95	PGF-14474	1	SUPPORT, right hand
96	PGU-1741-A	1	BREATHER GROUP (includes Ref. Nos. 97, 98 and 99)
97	PGP-9974	1	TUBE WITH PIN
98	PGF-10037	1	ELEMENT
99	PGF-5166	1	CAP
100	PGF-18746	1	SUPPORT, left hand
101	762009	2	WASHER, plain (5/32")
102	742837	1	BOLT, left hand support
103	810005	1	PLUG, oil level and filler
104	810001	1	PLUG, drain
105	PGF-18255	2	STUD
106	978312	7	PLACE BOLT
107	911004	6	NUT
108	978156	4	PLACE BOLT
109	PGF-18038	4	STUD
110	PGF-18903-1	3	SHIM (.005)
111	PGF-18903-2	3	SHIM (.007)
112	PGF-18903-3	1	SHIM (.020)

Note: 17" brake parts effective on Machines S-300-9138 and up.

See opposite page for Transmission as viewed from Transfer Case end



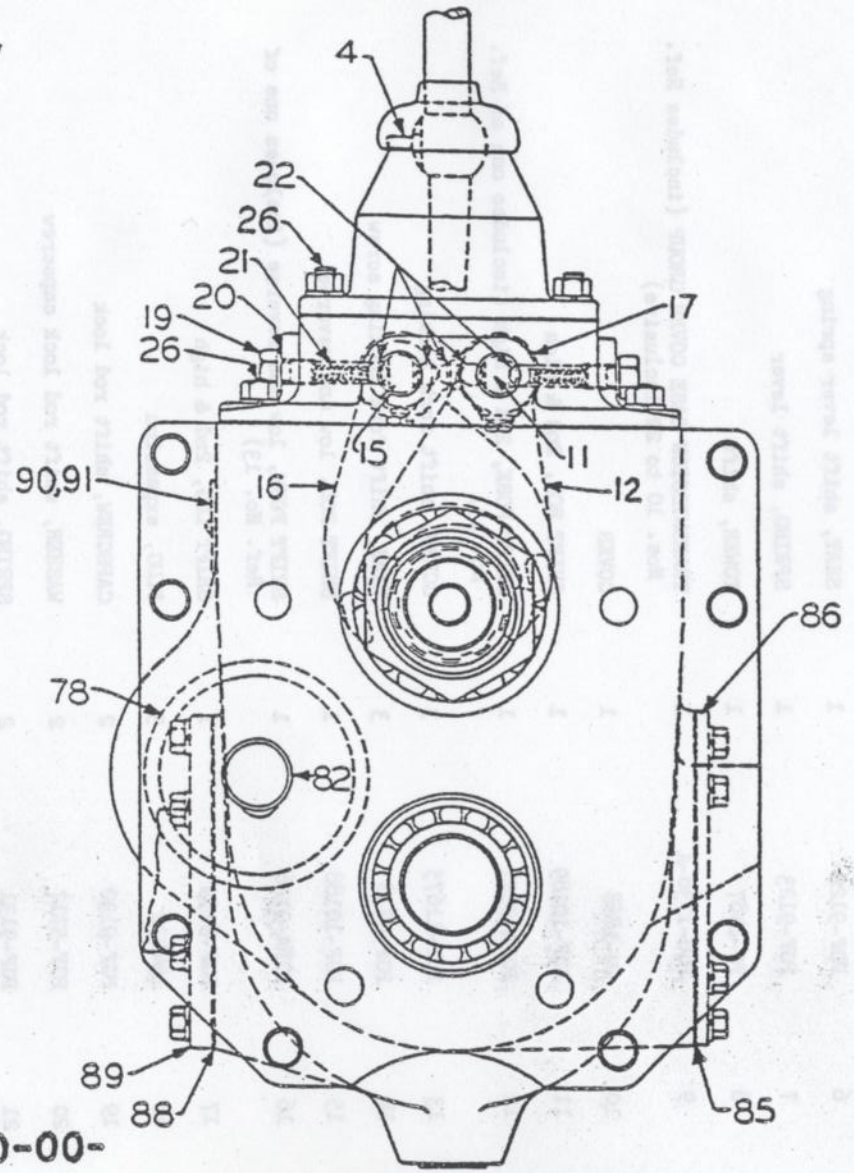
Sectional view showing reverse idler gear

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(For Part Numbers, see next page)

THREE SPEED MANUAL SHIFT TRANSMISSION

See opposite page for cross section side view of transmission



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(For Part Numbers, see next page)

THREE SPEED MANUAL SHIFT TRANSMISSION

THREE SPEED MANUAL SHIFT TRANSMISSION
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-8125-B	1	TRANSMISSION, COMPLETE (includes Ref. Nos. 9 to 91 inclusive, except 50A,72A,77A,B & 81A)
00	PGU-8125-C	1	TRANSMISSION, COMPLETE (includes Ref. Nos. 9 to 91 inclusive, except 50,72,77,81,85 & 86) (Machines 365 - 9548 and up)
1	PGU-2724	1	GEAR SHIFT LEVER GROUP (includes Ref. Nos. 2 to 8 inclusive)
2	PGF-16202	1	LEVER, gear shift
3	PGF-7721	1	BALL, gear shift lever
4	PGF-9130	1	LOCK PIN, shift lever
5	PGF-9157	1	DUST COVER, shift tower
6	PGF-9122	1	SEAT, shift lever spring
7	PGF-9123	1	SPRING, shift lever
8	PG-2487	1	TOWER, shift
9	PGU-1738-A	1	TRANSMISSION CASE COVER GROUP (includes Ref. Nos. 10 to 22 inclusive)
10	PG-1868	1	COVER
11	PGF-10189	1	SHIFT ROD, 2nd & high
12	PGPA-9127	1	SHIFT FORK, 2nd & high (includes one of Ref. No. 13)
13	PGF-11675	3	SCREW, shift fork locking
14	PGF-9738	3	WIRE, shift fork locking screw
15	PGF-10188	1	SHIFT ROD, low and reverse
16	PGPA-9126	1	SHIFT FORK, low and reverse (includes one of Ref. No. 13)
17	PGF-9159	1	SHIFT LUG, 2nd & high
18	164032	3	PLUG, expansion
19	PGF-9132	2	CAPSCREW, shift rod lock
20	PGF-5717	2	WASHER, shift rod lock capscrew
21	PGF-9131	2	SPRING, shift rod lock
22	021003	5	BALL, shift rod lock spring
23	PGF-9102	1	GASKET, shift tower
24	PGF-10059	1	GUARD, oil
25	PGF-9112	1	GASKET, transmission cover
26	PGF-8433	12	STUD
27	PGF-9133	1	NUT, slotted
28		1	YOKE, fitting (see prop. shaft page)
29	PGF-3216	1	SEAL, oil
30	311167	1	BEARING, ball
31	PG-1739	1	HOUSING, bearing support

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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
32	PGF-9091	6	STUD, housing to case
33	PGF-9125	1	GASKET, bearing housing
34A	PGF-9066	1	PINION, drive - 24 teeth
34B	PGF-9067	1	GEAR, CS driven - 42 teeth
35	PGF-9082	1	NUT, drive pinion bearing retainer
36	311596	1	BEARING, drive pinion
37	318446	1	MS BEARING, roller
38	PGF-9068	1	SHIFTER CLUTCH GEAR, MS 2nd and high speed - 14 and 16 teeth
39	PGF-9070	1	MS PINION, 2nd speed - 30 teeth
40	PGF-9120	1	SNAP RING, 2nd speed pinion
41	PGF-9063	1	SPLINED THRUST WASHER, 2nd speed pinion
42	PGF-9084	42	ROLLER, 2nd speed pinion
43	PGF-9069	1	SLEEVE, 2nd speed pinion bearing
44	PGF-9116	1	DOWEL PIN, bearing sleeve
45	PGF-11436	1	SHIM, 2nd speed pinion - .005" thick
45A	PGF-14437	1	SHIM, 2nd speed pinion - .007" thick
45B	PGF-9115	1	THRUST WASHER, 2nd speed pinion
46	PGF-9072	1	MS GEAR, low speed - 38 teeth
47	PGF-9084	42	ROLLER, MS low speed gear
48	PGF-9114	1	THRUST WASHER, low speed gear
49	PGF-9074	1	SHIFTER CLUTCH GEAR, MS low speed and reverse - 20 teeth
50	PGF-9076	1	MS GEAR, reverse - 36 teeth
50A	PGF-18793	1	MS GEAR, reverse - 31 teeth (Machine 365 - 9548 and Up)
51	PGF-9119	1	SNAP RING, MS reverse gear
52	PGF-9062	1	SPLINED THRUST WASHER, MS reverse gear
53	PGF-9084	48	ROLLER, MS reverse gear
54	PGF-9075	1	SLEEVE, MS reverse gear bearing
55	PGF-9134	1	THRUST WASHER, MS bearing
56	PGF-9158	1	SNAP RING, MS bearing
57	311429	1	MS BEARING, ball
58	PGF-11405	1	NUT, MS bearing retainer
59	PGF-16118	1	MAIN SHAFT
60	PG-1736	1	CAP, CS bearing
61	BRF-1894	4	STUD, bearing cap to case

MS = Main Shaft
CS = Countershaft

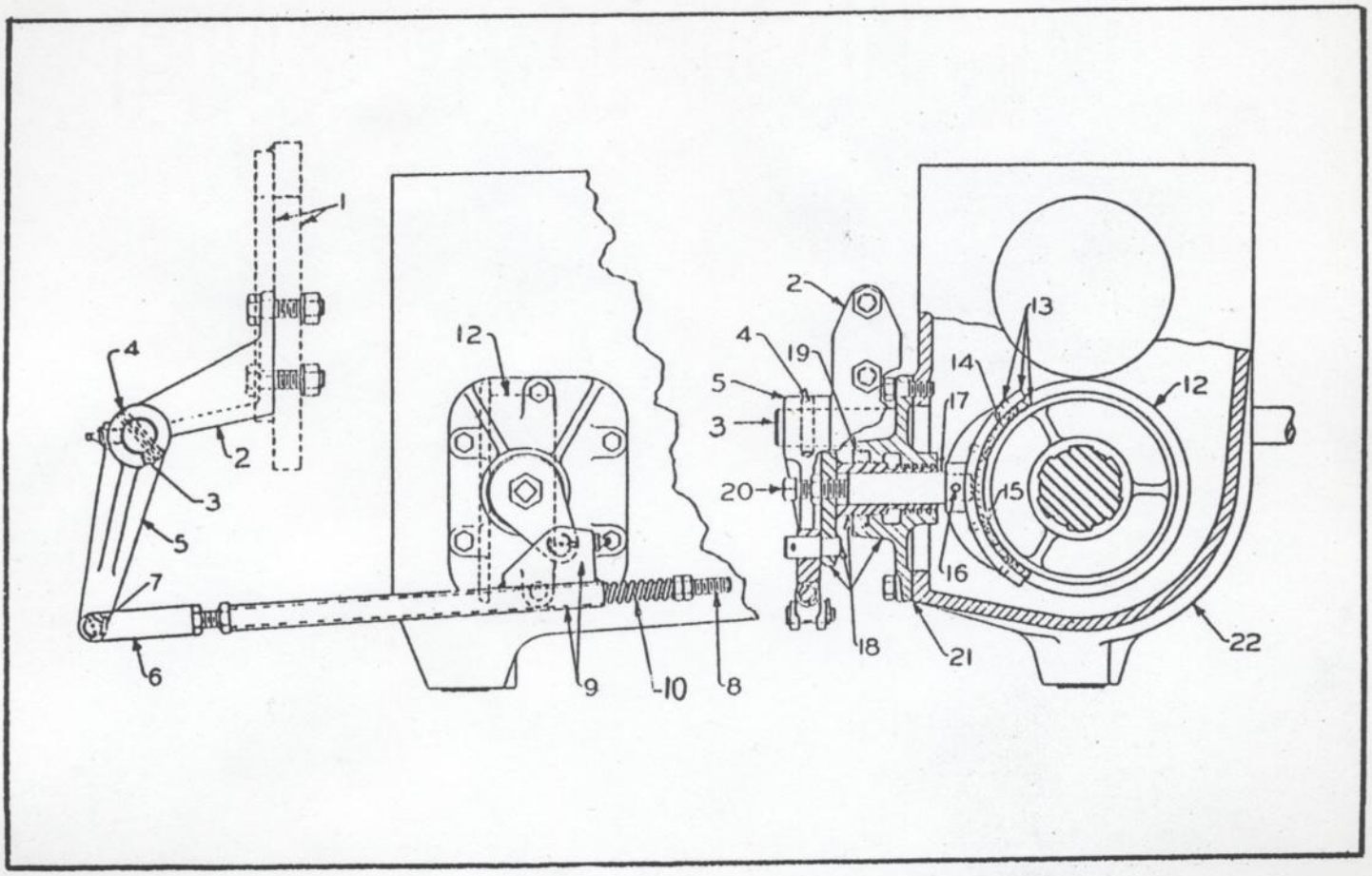
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
62	PGF-9110	1	GASKET, CS bearing cap
63	PGF-9083	1	NUT, CS bearing adjusting
64	311368	1	CS BALL BEARING WITH SNAP RING
65	PGF-9118	1	THRUST WASHER, CS driven gear
67	PG-1732	1	DRUM, clutch brake
68	PGF-9071	1	CS GEAR, 2nd speed - 36 teeth
69	PGF-9073	1	CS PINION, low speed - 28 teeth
71	PGF-14187	1	SPACER, pinion
72	PGF-9078	1	PINION, CS reverse - 27 teeth
72A	PGF-18763	1	PINION, CS reverse - 32 teeth (Machine 365 - 9548 and up)
73	PGF-9117	1	SNAP RING, CS reverse pinion
74	311322	1	CS BEARING, ball
75	ASF-3268	1	RING, snap, CS bearing
76	PGF-9064	1	COUNTERSHAFT
77	PG-1731	1	CASE, transmission (order Ref. 77A)
77A	PG-2615	1	* CASE, transmission
77B	PG-2614	1	CASE, transmission (Machine 365 - 9548 and up)
78	PGF-9077	1	GEAR, reverse idler - 25 teeth
79	311447	1	BEARING, reverse idler gear
80	PGF-9121	2	SNAP RING, reverse idler gear bearing
81	PGF-9107	2	SPACER, reverse idler gear bearing
81A	PGF-18761	2	SPACER, reverse idler gear bearing (Machine 365 - 9548 and up)
82	PGF-9109	1	SHAFT, reverse idler
83	111010	1	KEY, reverse idler shaft
84	PGF-10846	1	PLUG, drain
85	PGF-9103	1	GASKET, PTO cover plate } (Not used with
86	PGF-9106	1	PTO COVER PLATE } 77A or 77B)
88	PGF-9864	1	GASKET, clutch brake bracket
89	PGF-8972	1	CLUTCH BRAKE SCREW AND BRACKET
90	PGF-17641	1	PLATE, identification, transmission
91	751020	2	SCREW, drive (for Ref. 90)
92	PGF-8479	1	GASKET, transmission case
93			CASE, transfer (see separate page)

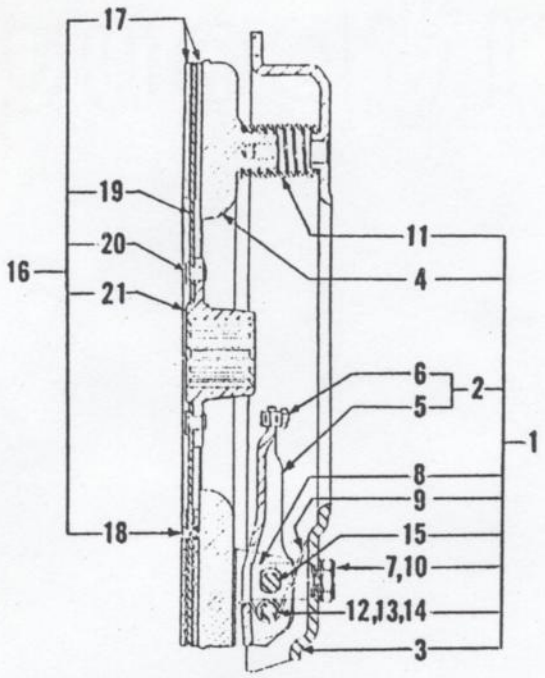
MS = Main Shaft
CS = Counter shaft

* When Replacing Ref. 77, also order 2 - PGF-18761 and 1 - PGF-18807.

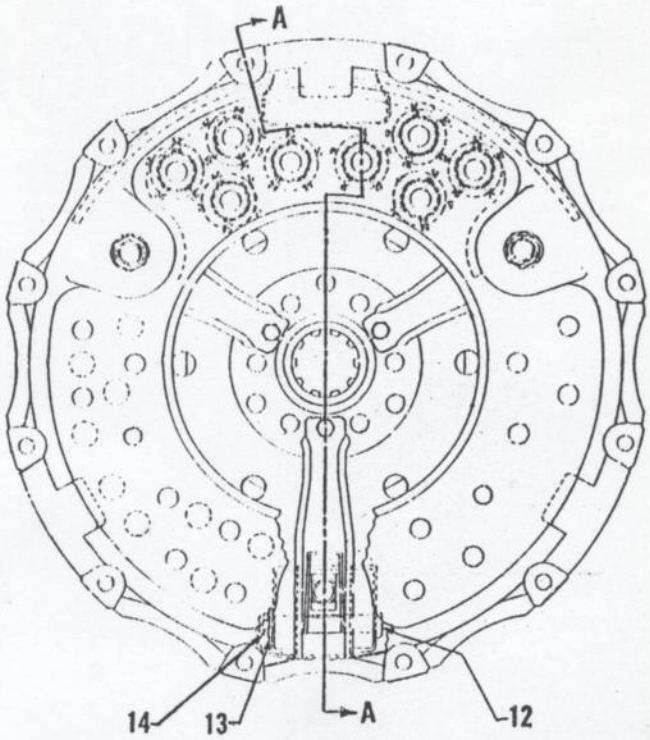


TRANSMISSION BRAKE FOR 3-SPEED MANUAL SHIFT TRANSMISSION

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			SUPPORT, transmission (see separate page)
2	PG-1769	1	HANGER, cross rod
3	PGF-9260	1	ROD, cross
4	PGF-9264	1	PIN, cross rod
5	PG-1768	1	LEVER
6	782005	1	YOKE
7	783005	1	PIN, yoke
8	PGF-8895	1	ROD, pull
9	PGF-8970	1	TUBE
10	PGF-7610	1	SPRING
12			DRUM, brake (see separate page)
13	PGX-1414	1	SHOE WITH LINING AND RIVETS (includes Ref. Nos. 14 and 15)
14	PGF-7590	1	LINING
15	713128	6	RIVET, tubular
16	BDF-345	1	PIN
17	PGF-8828	1	SHAFT
18	PGF-8972	1	SCREW AND BRACKET ASSEMBLY
19	PGF-8857	1	SEAL, oil
20	755095	1	SETSCREW, cup point
21	PGF-9864	1	GASKET
22			TRANSMISSION (see separate page)



Section A-A

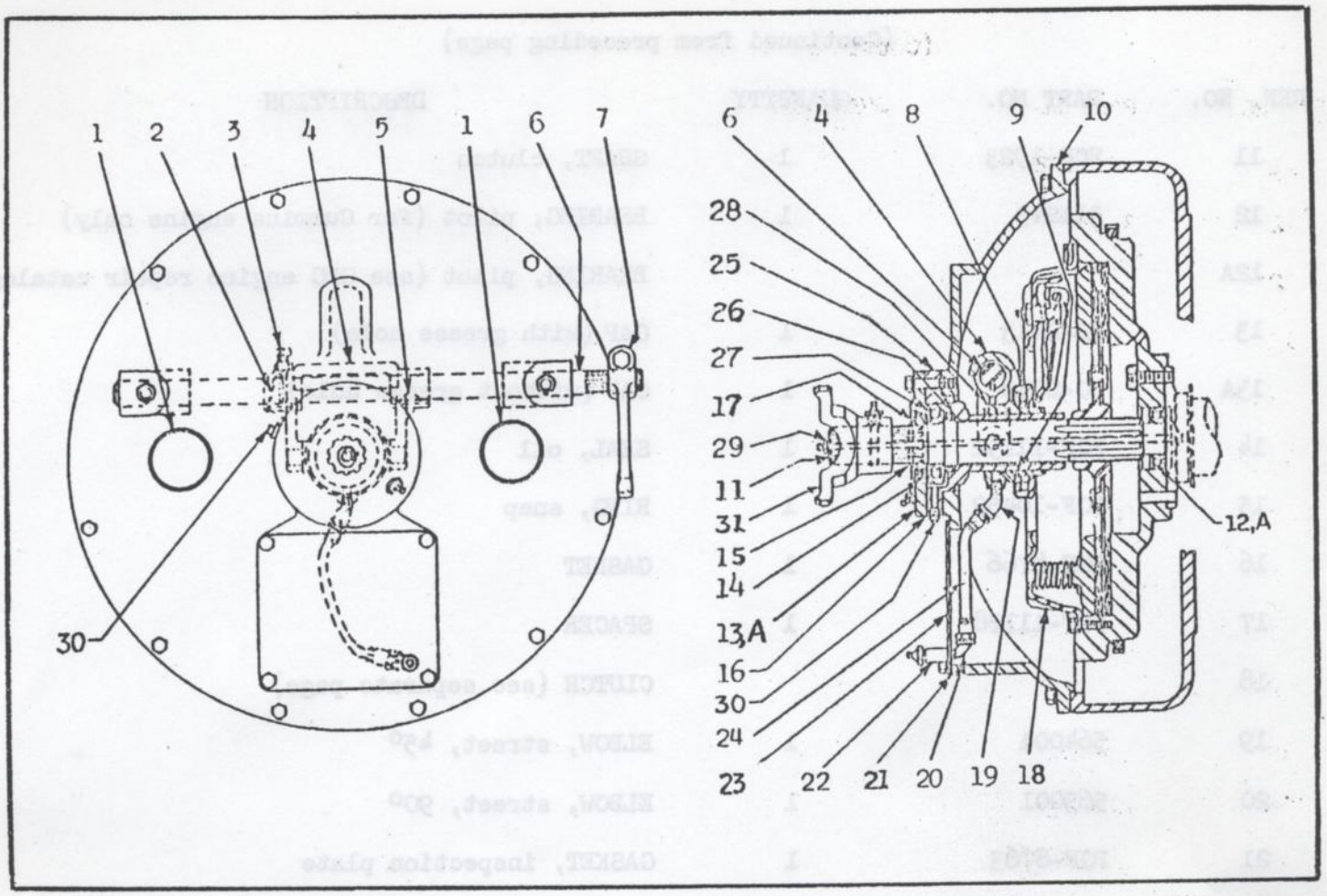


-0-

CLUTCH (DRIVING)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17096	1	CLUTCH GROUP, complete
1	382371	1	COVER GROUP (includes Ref. 3 to 15 inclusive)
2	382344	3	LEVER GROUP (includes Ref. 5 and 6)
3	382342	1	PLATE, back
4	382343	1	PLATE, pressure
5	382345	3	LEVER
6	382346	3	SCREW, adjustment
7	382347	3	WASHER, shakeproof
8	382348	3	BLOCK, lever pivot
9	382349	3	SPRING, torsion
10	382350	3	NUT, jam
11	382351	24	SPRING, pressure
12	382480	3	PIN, lever
13	382131	3	WASHER, lever pin
14	382479	3	RING, retaining
15	382352	3	PIN, lever pivot
16	382473	1	DRIVEN MEMBER GROUP (includes Ref. Nos. 17 to 21 inclusive)
17	382341	2	FACING
18	382243	42	RIVET, tubular
19		1	* PLATE, clutch
20		12	* RIVET, flat head
21		1	* CENTER, splined

Note: * Indicates Parts not sold separately. Order Ref. No. 16.



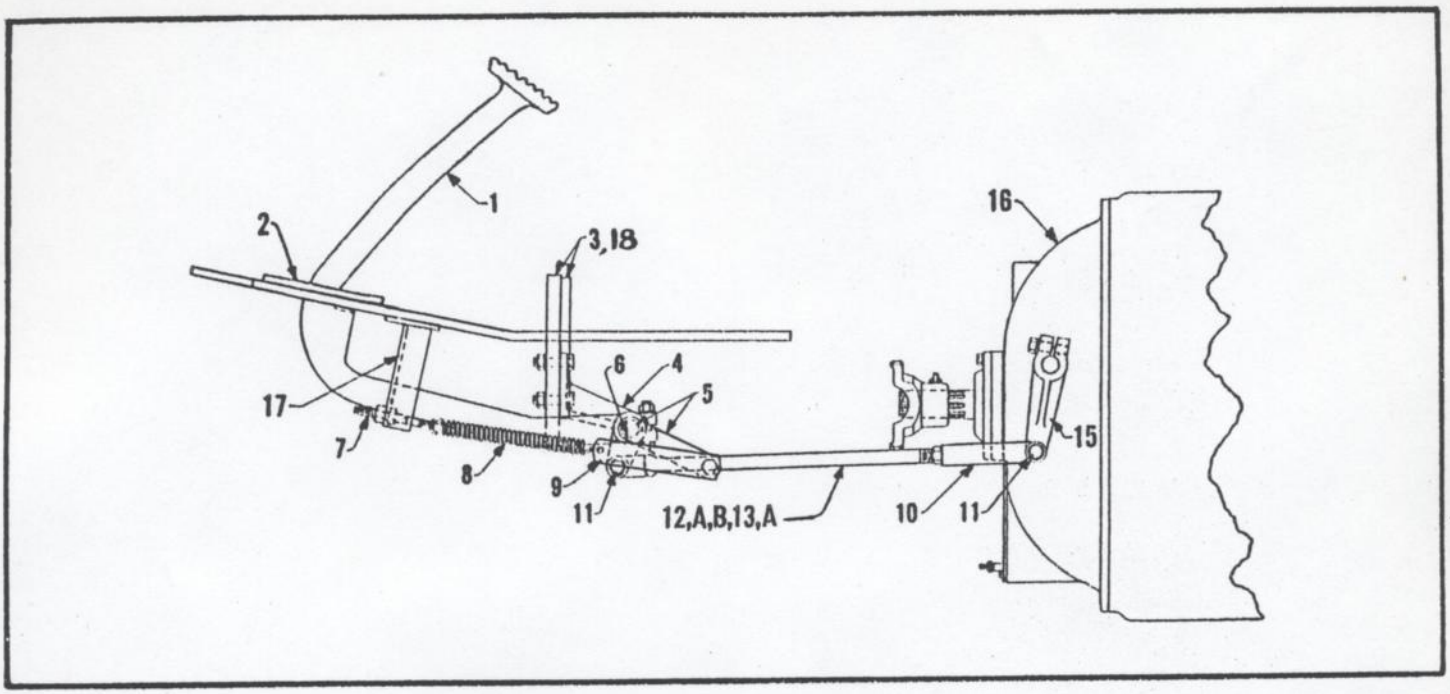
CLUTCH AND SHAFT ASSEMBLY FOR DRY CLUTCH DRIVE
(ON PACER 345 - SUPER 365)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	BTF-872	2	BREATHER
2	PGF-9738	1	WIRE, lock
3	PGF-9269	1	SCREW, clutch yoke lock
4	PG-2015	1	YOKE, clutch throwout
5	111010	1	KEY, yoke
6	HCF-2823	1	SHAFT, clutch yoke
7	PGF-8978	1	LEVER
8	PGF-11576	1	BEARING, clutch throwout
9	PGF-11577	1	PIN, clutch throwout bearing
10	PG-2344	1	BELL HOUSING, clutch

(Continued)

(Continued from preceding page)

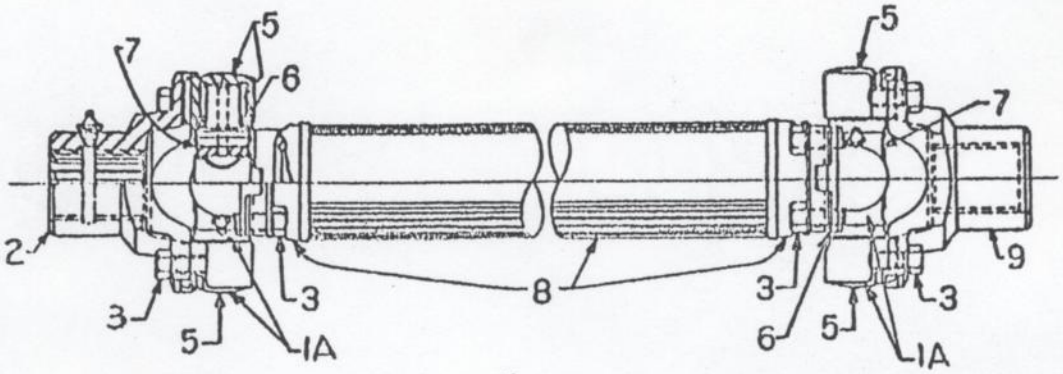
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
11	HCF-1923	1	SHAFT, clutch
12	311243	1	BEARING, pilot (for Cummins engine only)
12A			BEARING, pilot (see GMC engine repair catalog)
13	PG-2413	1	CAP (with grease hole)
13A	PG-2016	1	CAP (without grease hole)
14	PGF-11192	1	SEAL, oil
15	PGF-10452	1	RING, snap
16	PGF-8766	1	GASKET
17	PGF-11178	1	SPACER
18			CLUTCH (see separate page)
19	564001	1	ELBOW, street, 45°
20	563001	1	ELBOW, street, 90°
21	PGF-8763	1	GASKET, inspection plate
22	525001	1	COUPLING
23	PGF-10915	1	PLATE, inspection
24	PGF-17580	1	HOSE, grease
25	PG-2017	1	SLEEVE, bearing carrier
26	194262	1	SEAL, oil
27	311167	1	BEARING, ball
28	PG-2493	1	CARRIER, bearing
29	PGF-15787	1	NIPPLE, extension
30	813000	1	PLUG, pipe
31			YOKE, fitting (see separate page)



DRIVING CLUTCH OPERATING MECHANISM
(On Pacer 345 & 346 - Super 365 & 366)

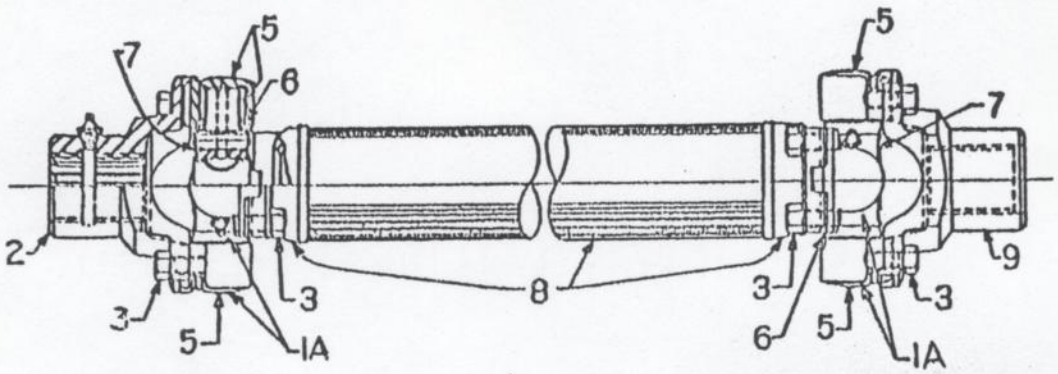
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PG-1763	1	PEDAL
2	PGF-14732	1	COVER
3	PGF-16400	1	SUPPORT, transmission
4	PG-1769	1	HANGER, cross rod
5			ROD, cross (see separate page)
6	111012	1	KEY, Woodruff, cross rod
7	PGF-7737	1	EYEBOLT, spring
8	MGF-2703	1	SPRING
9	PGF-8977	1	LINK
10	782010	1	YOKE (2 req'd for GMC engines on Pacer 345 and Super 365)
11	783007	2	PIN, yoke
12	PGF-17215	1	ROD (on Pacer 345 - Super 365 with GMC engine)
12A	PGF-17543	1	* ROD (on Pacer 346 - Super 366 with GMC engine)
12B	PGF-14373	1	% ROD (on Pacer 346 - Super 366 with GMC engine)
13	PGF-17832	1	ROD (on Pacer 345 - Super 365 with Cummins engine)
13A	PGF-17566	1	* ROD (on Pacer 346 - Super 366 with Cummins engine)
15			LEVER, clutch release
16			BELL HOUSING, clutch
17	PGF-13589	1	SUPPORT, eyebolt
18	PGF-15665	2	WASHER - transmission support - not shown.

Note: * Used with Torcon converter.
% Used with Allison converter.



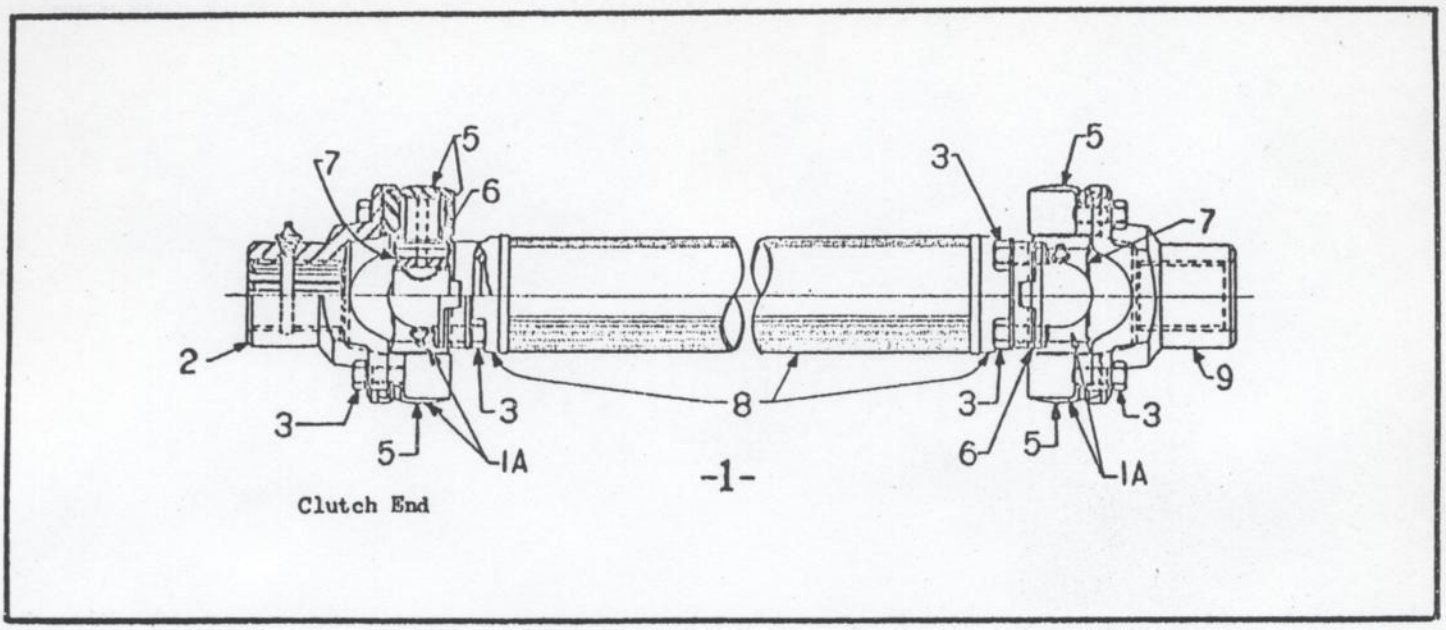
PROPELLER SHAFT
(Engine to Transmission - Cummins Engine)
(On Pacer 345 - Super 365)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16922	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465143	1	YOKE, fitting
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465302	1	TUBE AND YOKE GROUP
9	PGF-9079-56	1	YOKE, fitting



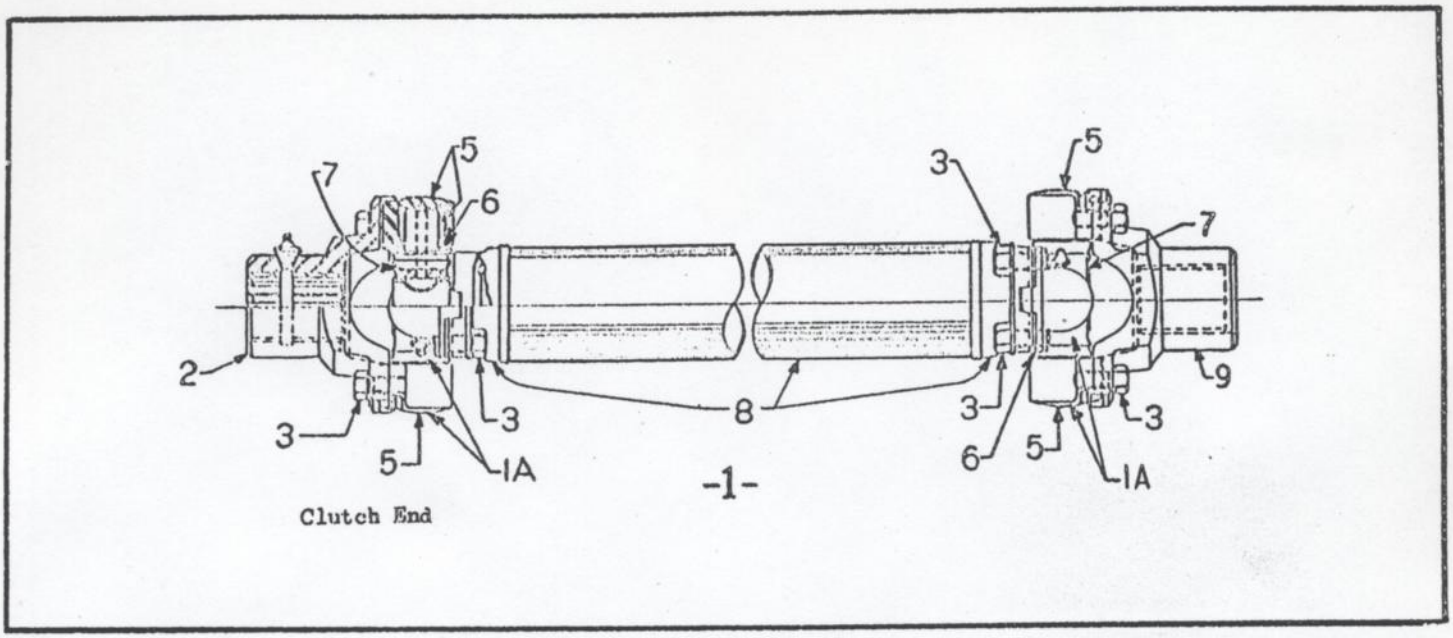
PROPELLER SHAFT
(Engine to Transmission - Cummins Engine)
(On Pacer 346 - Super 366)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15998	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465143	1	YOKE, fitting
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465300	1	TUBE AND YOKE GROUP
9	PGF-9079-56	1	YOKE, fitting



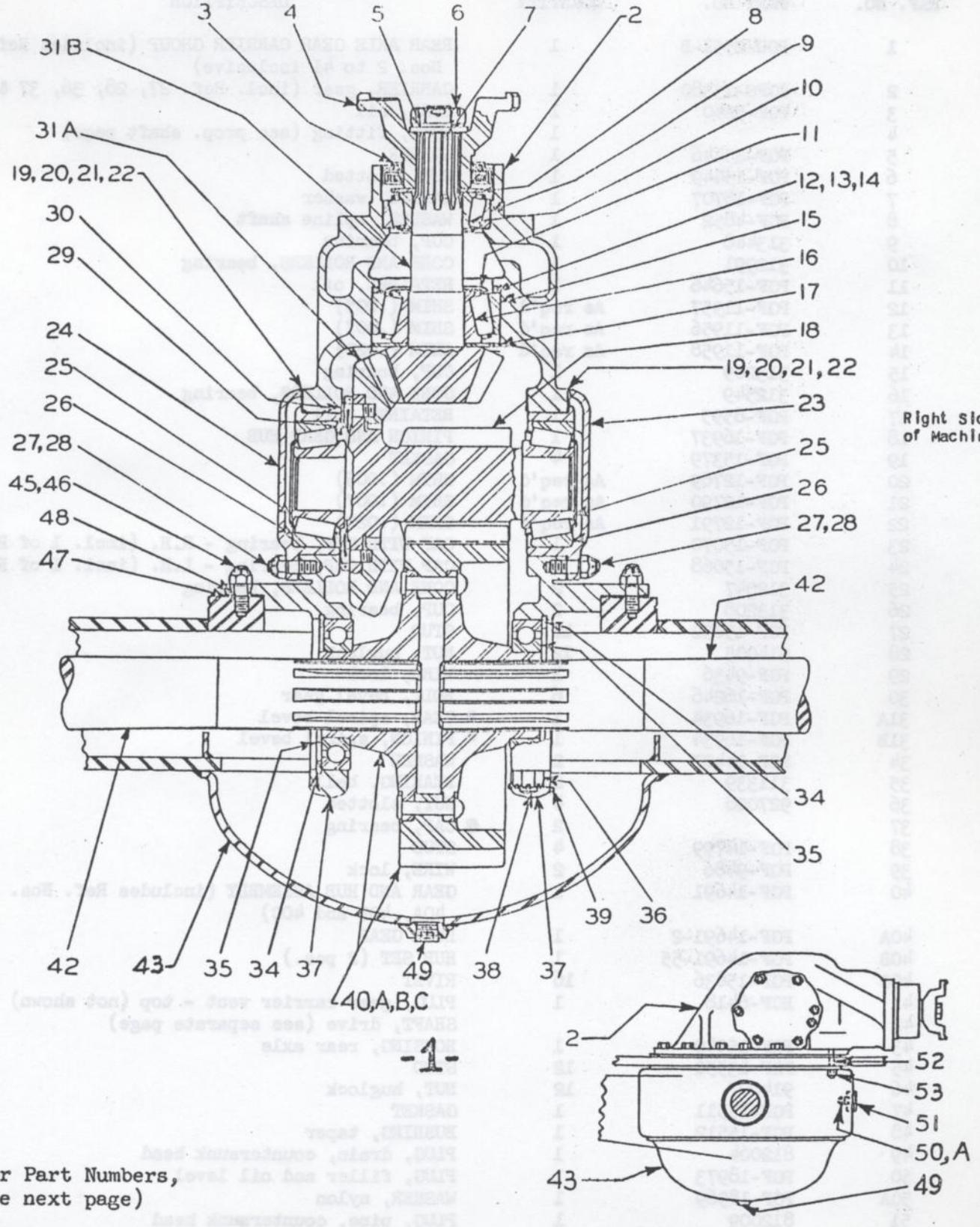
PROPELLER SHAFT
(Engine to Transmission - GMC Engine)
(On Pacer 345 - Super 365)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16717	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465143	1	YOKE, fitting
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465301	1	TUBE AND YOKE GROUP
9	PGF-9079-56	1	YOKE, fitting



PROPELLER SHAFT
(Engine to Transmission - GMC Engine)
(On Pacer 346 - Super 366)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14501	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465143	1	YOKE, fitting
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465239	1	TUBE AND YOKE GROUP
9	PGF-9079-56	1	YOKE, fitting



-1-

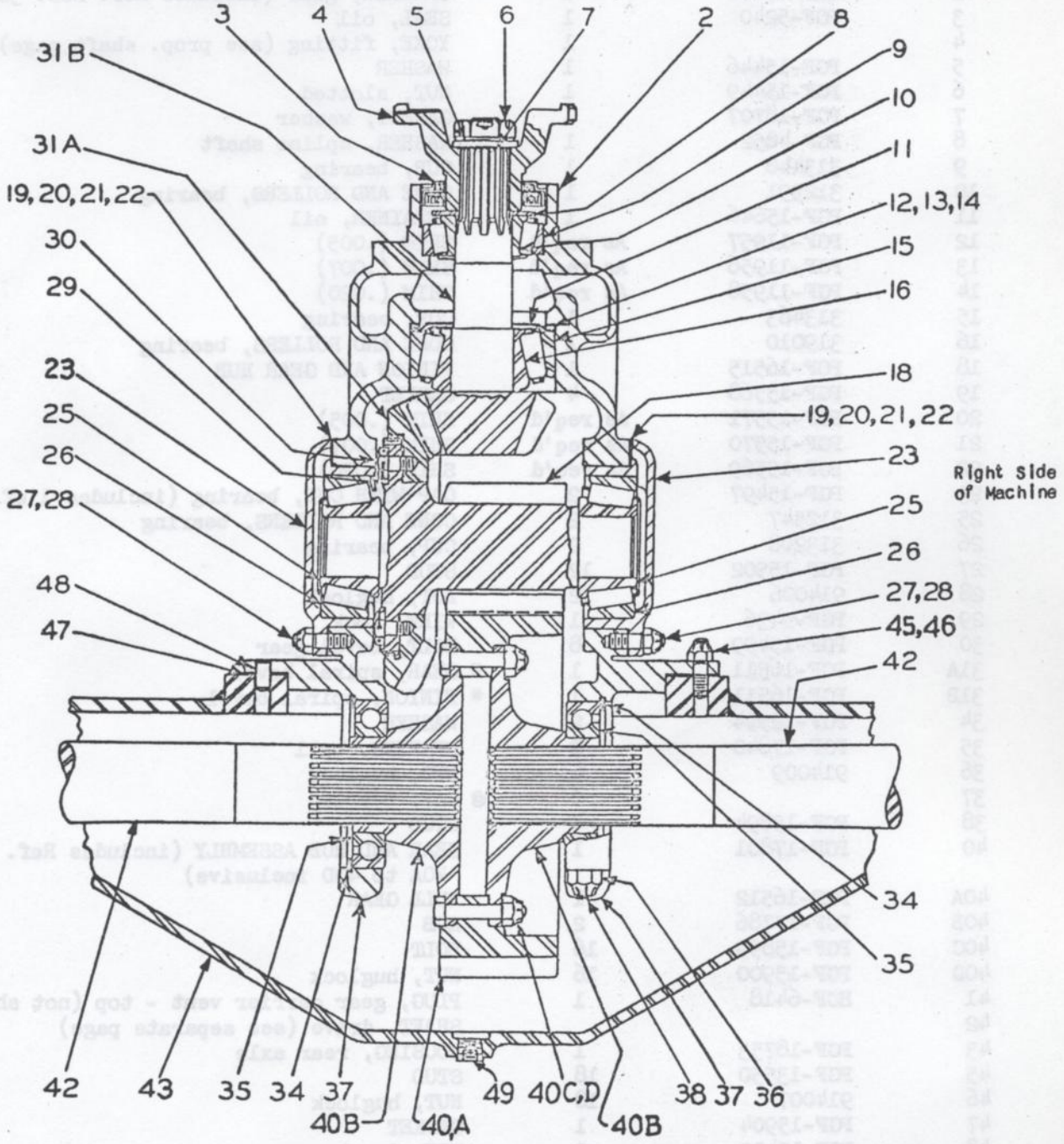
(For Part Numbers, see next page)

REAR AXLE GEAR CARRIER
(Pacer 300)

REAR AXLE GEAR CARRIER
(Pacer 300)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-2551-B	1	REAR AXLE GEAR CARRIER GROUP (includes Ref. Nos. 2 to 41 inclusive)
2	PGFS-15380	1	CARRIER, gear (incl. Ref. 27, 28, 36, 37 & 38)
3	PGF-5240	1	SEAL, oil
4		1	YOKE, fitting (see prop. shaft page)
5	PGF-15446	1	WASHER
6	PGF-15449	1	NUT, slotted
7	PGF-18707	1	GASKET, washer
8	PGF-4852	1	WASHER, spline shaft
9	313448	1	CUP, bearing
10	312991	1	CONE AND ROLLERS, bearing
11	PGF-15646	1	RETAINER, oil
12	PGF-11957	As req'd	SHIM (.005)
13	PGF-11956	As req'd	SHIM (.007)
14	PGF-11958	As req'd	SHIM (.020)
15	313209	1	CUP, bearing
16	312549	1	CONE AND ROLLERS, bearing
17	PGF-8595	1	RETAINER, oil
18	PGF-16937	1	PINION AND GEAR HUB
19	PGF-15379	4	GASKET
20	PGF-12789	As req'd	SHIM (.005)
21	PGF-12790	As req'd	SHIM (.007)
22	PGF-12791	As req'd	SHIM (.020)
23	PGF-15070	1	CAP WITH CUP, bearing - R.H. (incl. 1 of Ref. 26)
24	PGF-15068	1	CAP WITH CUP, bearing - L.H. (incl. 1 of Ref. 26)
25	312547	2	CONE AND ROLLERS, bearing
26	313208	2	CUP, bearing
27	PGF-15052	12	STUD
28	914005	12	NUT, huglock
29	PGF-9436	1	WIRE, lock
30	PGF-16246	6	BOLT, bevel gear
31A	PGF-16934	1	* GEAR, spiral bevel
31B	PGF-16934	1	* PINION, spiral bevel
34	PGF-14407	2	WASHER
35	311339	2	BEARING, ball
36	927008	4	NUT, slotted
37		2	@ CAP, bearing
38	PGF-14799	4	STUD
39	PGF-9486	2	WIRE, lock
40	PGF-14691	1	GEAR AND HUB ASSEMBLY (includes Ref. Nos. 40A, 40B and 40C)
40A	PGF-14691-2	1	BULL GEAR
40B	PGF-14691-55	1	HUB SET (2 pcs.)
40C	PGF-15836	16	RIVET
41	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
42			SHAFT, drive (see separate page)
43	PGF-15549	1	HOUSING, rear axle
45	PGF-13550	12	STUD
46	914007	12	NUT, huglock
47	PGF-15511	1	GASKET
48	PGF-15512	1	BUSHING, taper
49	812004	1	PLUG, drain, countersunk head
50	PGF-18973	1	PLUG, filler and oil level
50A	PGF-18969	1	WASHER, nylon
51	812009	1	PLUG, pipe, countersunk head
52	PGF-15978	1	STUD, gear carrier (3/4" dia.)
53	914008	1	NUT, huglock

Note: * Bevel gear and bevel pinion sold in matched sets only.
@ Bearing caps not sold separately. Order Ref. 2, PGFS-15380, gear carrier.



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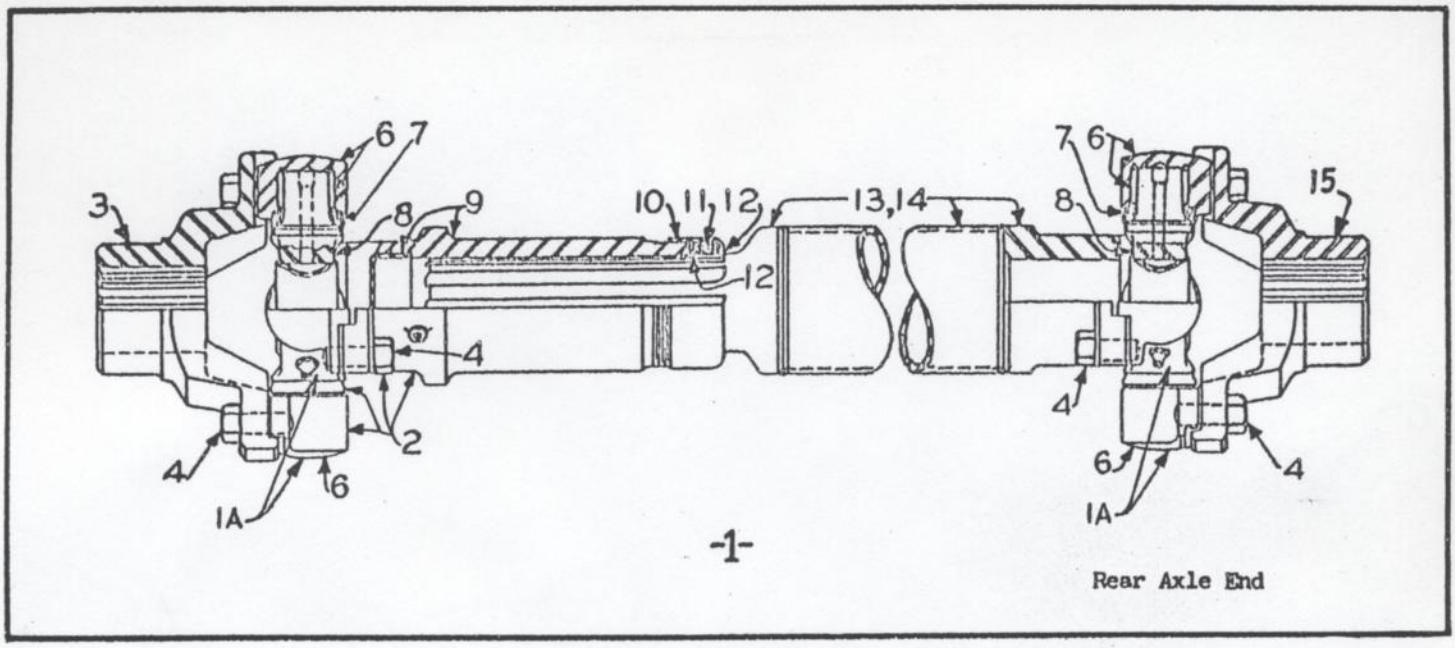
(For Part Numbers, see next page)

REAR AXLE GEAR CARRIER
(On Super 300)

REAR AXLE GEAR CARRIER
(On Super 300)
(For illustration, see preceding page)

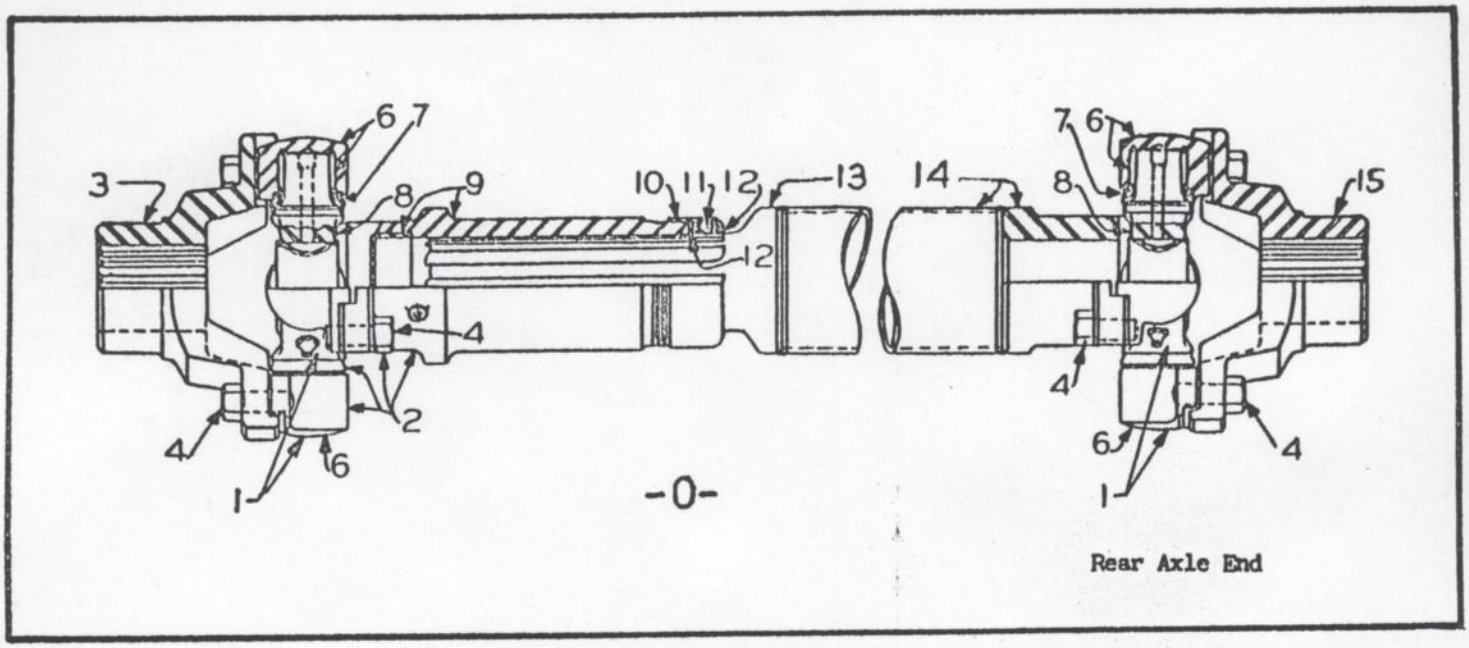
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-3032	1	REAR AXLE GEAR CARRIER GROUP (includes Ref. Nos. 2 to 41 inclusive)
2	PGF-17074	1	CARRIER, gear (includes Ref. Nos. 36, 37 & 38)
3	PGF-5240	1	SEAL, oil
4		1	YOKE, fitting (see prop. shaft page)
5	PGF-15446	1	WASHER
6	PGF-15449	1	NUT, slotted
7	PGF-18707	1	GASKET, washer
8	PGF-4852	1	WASHER, spline shaft
9	313448	1	CUP, bearing
10	312991	1	CONE AND ROLLERS, bearing
11	PGF-15646	1	RETAINER, oil
12	PGF-11957	As req'd	SHIM (.005)
13	PGF-11956	As req'd	SHIM (.007)
14	PGF-11958	As req'd	SHIM (.020)
15	313463	1	CUP, bearing
16	319010	1	CONE AND ROLLERS, bearing
18	PGF-16515	1	PINION AND GEAR HUB
19	PGF-15568	4	GASKET
20	PGF-15571	As req'd	SHIM (.005)
21	PGF-15570	As req'd	SHIM (.007)
22	PGF-15569	As req'd	SHIM (.020)
23	PGF-15497	2	CAP WITH CUP, bearing (includes 1 of Ref. 26)
25	312547	2	CONE AND ROLLERS, bearing
26	313208	2	CUP, bearing
27	PGF-15502	12	STUD
28	914006	12	NUT, huglock
29	PGF-9436	1	WIRE, lock
30	PGF-15499	8	BOLT, bevel gear
31A	PGF-16511	1	* GEAR, spiral bevel
31B	PGF-16511	1	* PINION, spiral bevel
34	PGF-12594	2	WASHER
35	PGF-17840	2	BEARING, ball
36	914009	4	NUT, huglock
37		2	@ CAP, bearing
38	PGF-15894	4	STUD
40	PGF-17801	1	GEAR AND HUB ASSEMBLY (includes Ref. Nos. 40A to 40D inclusive)
40A	PGF-16512	1	BULL GEAR
40B	PGF-17786	2	HUB
40C	PGF-15899	16	BOLT
40D	PGF-15900	16	NUT, huglock
41	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
42			SHAFT, drive (see separate page)
43	PGF-18753	1	HOUSING, rear axle
45	PGF-13550	18	STUD
46	914007	18	NUT, huglock
47	PGF-15904	1	GASKET
48	PGF-15413	2	PIN, dowel
49	812004	1	PLUG, drain, countersunk head
50	PGF-18973	1	PLUG, filler and oil level, countersunk head (in axle housing - not shown)
51	PGF-18969	1	WASHER, nylon, filler and oil level - not shown.

Note: * Bevel gear and bevel pinion sold in matched sets only.
@ Bearing caps not sold separately. Order Ref. 2, PGF-17074, gear carrier.



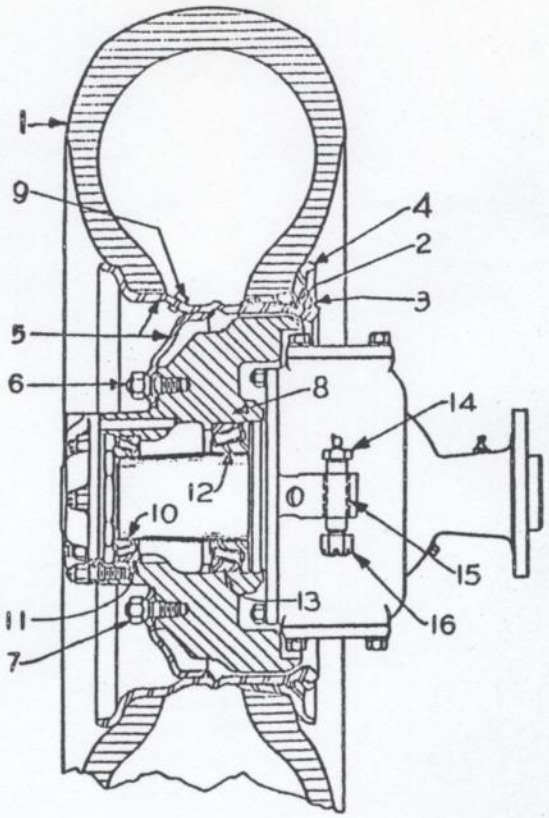
REAR PROPELLER SHAFT
(From Transfer Case to Rear Axle Gear Carrier)
(Pacer 300)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18140	1	PROPELLER SHAFT, complete
1A	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465130	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-18796	1	YOKE, fitting
4	PGF-9717-55	16	CAPSCREW
6		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
9	465118	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465017	1	FELT
12	465018	2	WASHER, felt retainer
13	PGF-18140-55	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
14	465325	1	PROPELLER TUBE GROUP
15	PGF-18670	1	YOKE, fitting



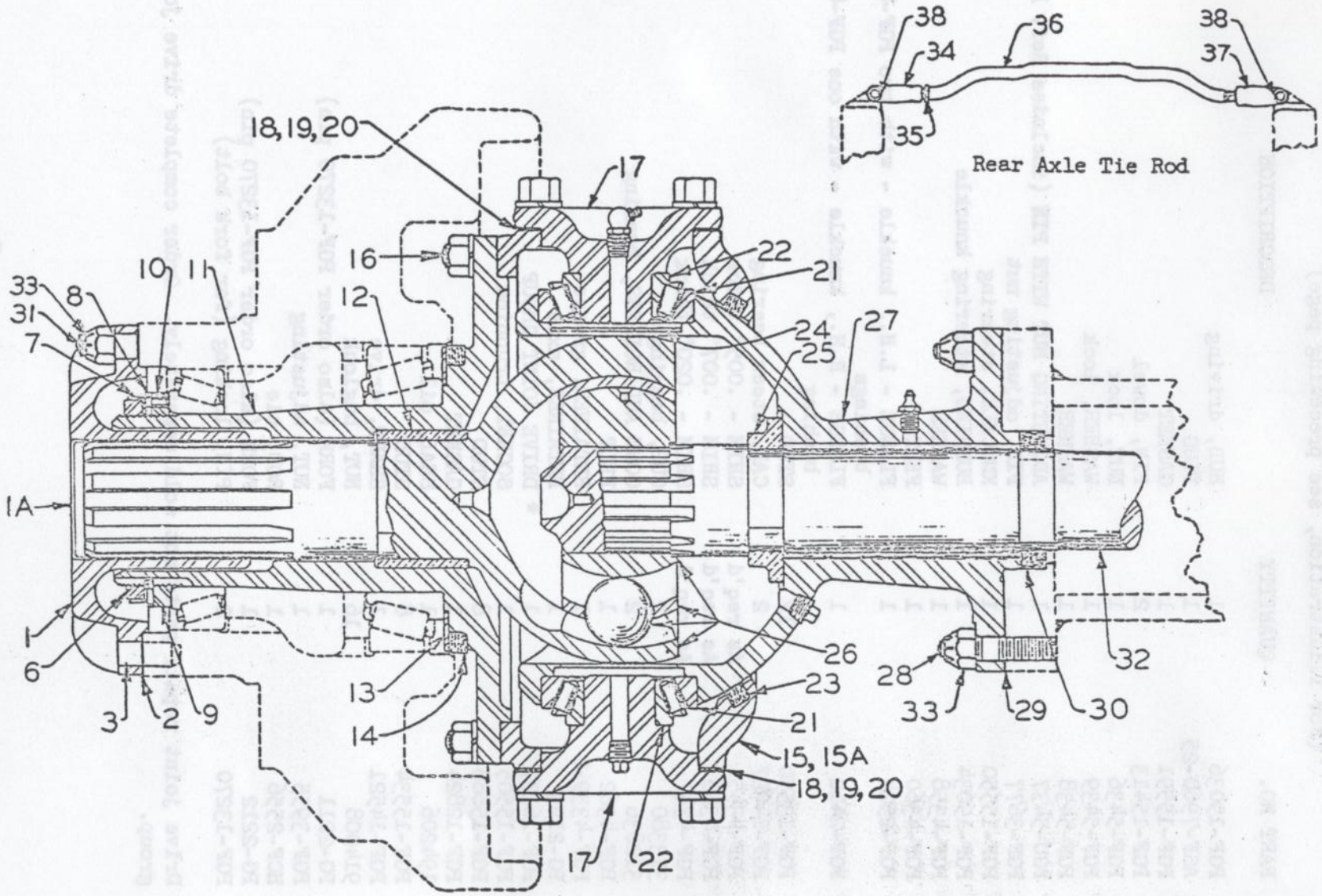
REAR PROPELLER SHAFT
(From Transfer Case to Rear Axle Gear Carrier)
(Super 300)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-18139	1	PROPELLER SHAFT, complete
1	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465289	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-18796	1	YOKE, fitting
4	PGF-9717-55	16	CAPSCREW
6		8	BEARING GROUP (not sold separately. Order Ref. No. 1)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately. Order Ref. No. 1)
9	465292	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465293	1	FELT
12	465294	2	WASHER, felt retainer
13	PGF-18139-55	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
14	465314	1	PROPELLER TUBE GROUP
15	PGF-18670	1	YOKE, fitting



REAR AXLE STEERING KNUCKLE, WHEEL AND TIRE
(ON PACER 300)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 14.00 x 24 - 12 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3	PGF-16693	1	RING, locking
4	PGF-16694	1	RING, side
5	PGF-16695	1	WHEEL WITH RIM (less rings)
6	PGF-9591	10	STUD, wheel
7	PGF-7357	10	NUT, wheel stud
8	PG-2515	1	HUB, wheel
9	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
10	312814	1	CONE AND ROLLERS, bearing
11	313366	1	CUP, bearing
12	312888	1	CONE AND ROLLERS, bearing
13	313407	1	CUP, bearing
14	PGF-8757	1	BOLT, fork
15	PGF-8753	1	BUSHING, knuckle flange
16	737010	1	NUT, slotted



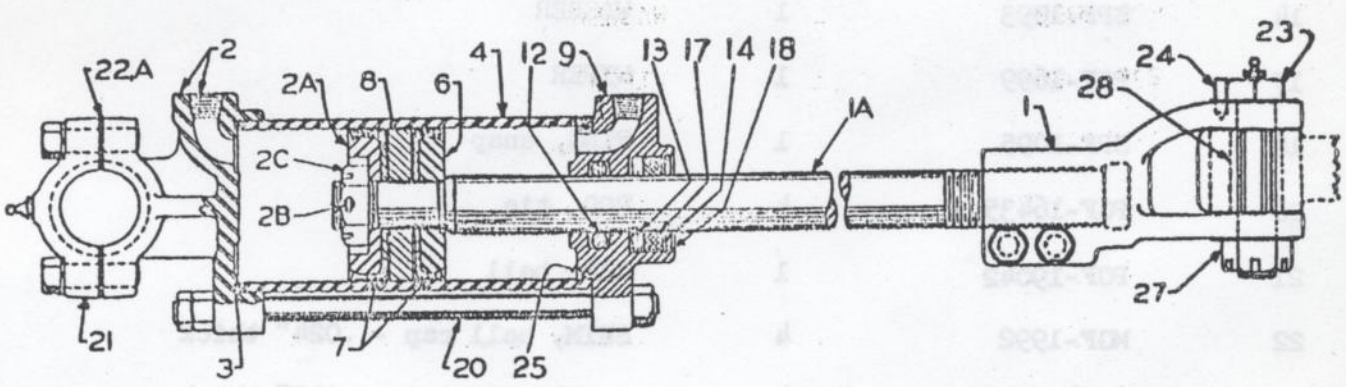
(For Part Numbers, see next page)

REAR AXLE STEERING KNUCKLE, UNIVERSAL JOINT AND TIE ROD
(On Pacer 300)

REAR AXLE STEERING KNUCKLE, UNIVERSAL JOINT AND TIE ROD ON PACER 300
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-19036	1	HUB, driving
1A	ASF-7960-25	1	PLUG
2	PGF-15591	1	GASKET
3	PGF-15413	2	PIN, dowel
6	PGF-5436	1	NUT, lock
7	PGF-5439	1	WASHER, lock
8	PGF-5438	1	WASHER
9	PGU-5437	1	ADJUSTING NUT WITH PIN (includes Ref. No. 10)
10	PGF-3677	1	PIN, adjusting nut
11	PGF-15550	1	KNUCKLE, steering
12	PGF-19034	1	BUSHING, steering knuckle
13	PGF-4358	1	WASHER
14	PGF-4360	1	FELT
15	PGP-2524	1	FLANGE - L.H., knuckle - with two PGF-8753 bushings
15A	PGP-2410	1	FLANGE - R.H., knuckle - with one PGF-8753 bushing
16	PGF-13550	12	STUD
17	PGF-14727	2	CAP, steer bearing
18	PGF-4345	As req'd	SHIM - .005" thick
19	PGF-4346	As req'd	SHIM - .007" thick
20	PGF-4347	As req'd	SHIM - .020" thick
21	313380	2	CUP, bearing
22	312836	2	CONE AND ROLLERS, bearing
23	PGF-4362	1	FELT
24	PGF-4339-2	1	RETAINER, grease
25	PG-2123	1	RETAINER, axle
26	PGF-16177	1	* DRIVE JOINT GROUP
27	PGF-15505	1	SOCKET, trunnion
28	PGF-15888	8	STUD
29	PGF-12824	1	GASKET
30	194206	1	SEAL, oil
31	PGF-15534	8	STUD
32	PGF-14521	1	SHAFT, drive
33	914008	16	NUT, huglock
34	PG-2211	1	FORK (also order PGF-13270 pin)
35	PGF-3955	1	NUT, adjusting
36	HCF-2556	1	ROD, tie
37	PG-2212	1	FORK (also order PGF-13270 pin)
38	PGF-13270	2	PIN, locking (for fork bolt)

Note: * Drive joint repair parts not sold separately. Order complete drive joint group.



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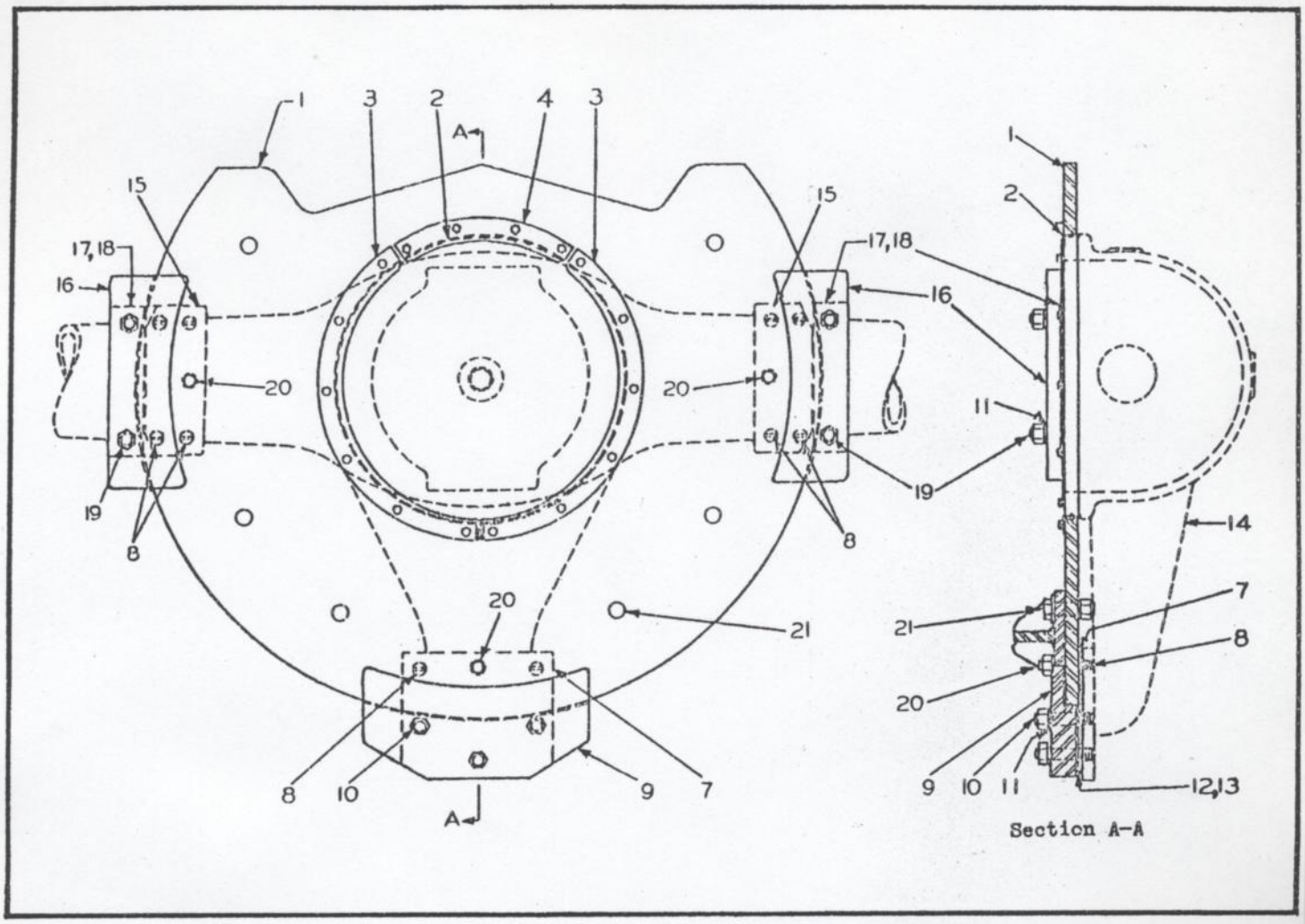
REAR AXLE STEERING RAM
(On Pacer 345 and 346)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2611	1	STEERING RAM GROUP (includes Ref. Nos. 1 to 25 inclusive except Ref. No. 23)
1	PG-2329	1	FORK, piston rod
1A	PGF-14573	1	ROD, piston
2	PG-2456	1	BASE
2A	PGF-10804	1	SPREADER, outer
2B	166038	1	PIN, cotter
2C	PGF-11546	1	NUT, slotted
3	PGF-9648-69	1	"O" RING
4	PGF-16434	1	CYLINDER
6	PGF-1158	1	SPREADER, inner
7	PGF-11753	2	CUP
8	PG-A-320	1	PISTON
9	PG-2463	1	HEAD
12	PGF-9648-28	1	"O" RING
13	PGF-6997	1	RING, felt wiper

(continued)

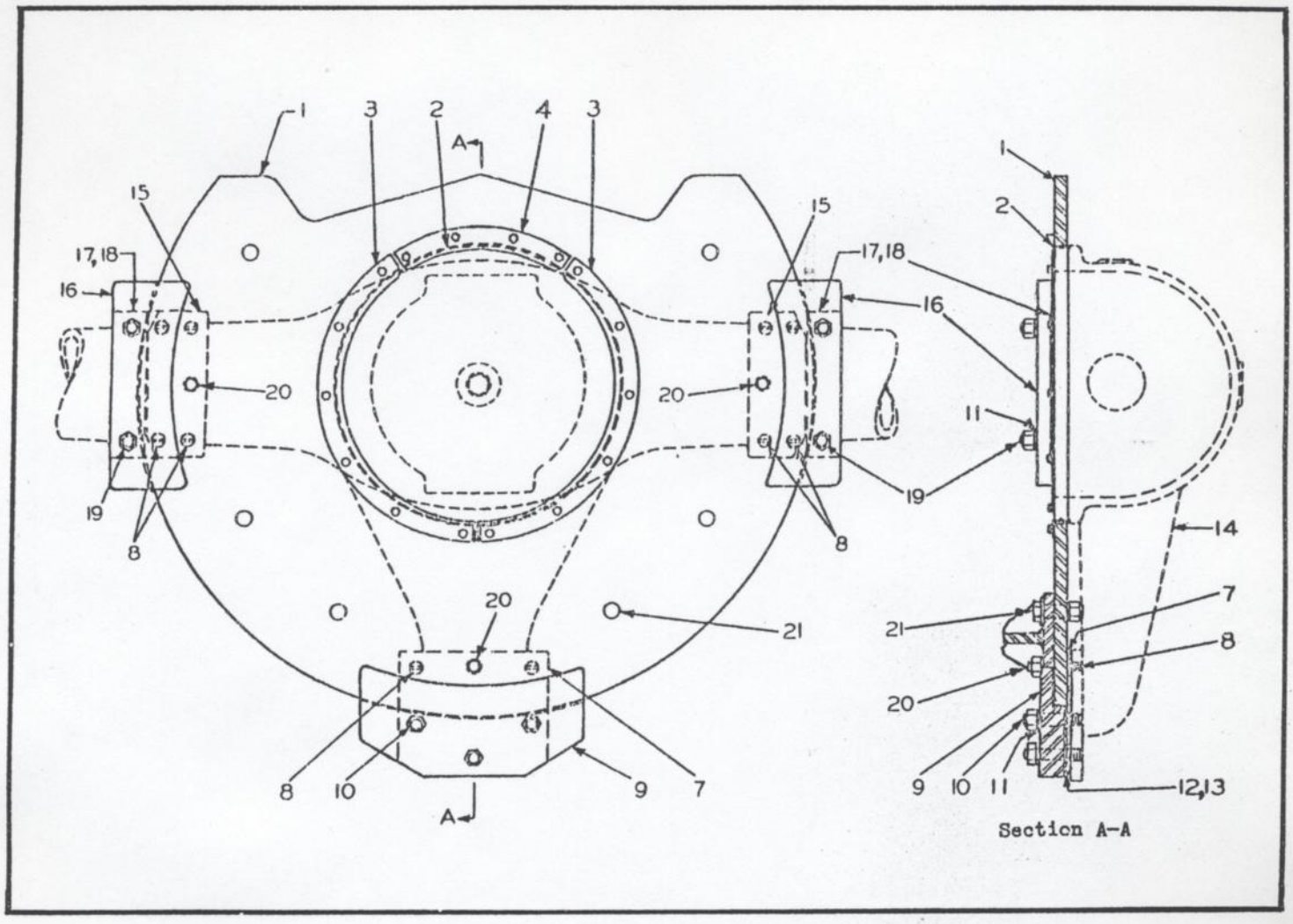
(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
14	SPF-1093	1	WASHER
17	PGF-1699	1	WIPER
18	SPF-1095	1	RING, snap
20	PGF-16435	4	ROD, tie
21	PGF-19042	1	CAP, ball
22	MGF-1992	4	SHIM, ball cap - .024" thick
22A	PGF-11856	4	SHIM, ball cap - .010" thick
23	PGF-8757	1	BOLT, fork
24	PGF-13270	1	PIN
25	PGF-9648-1	1	"O" RING
27	737010	1	NUT, slotted
28	PGF-8753	1	BUSHING, knuckle flange



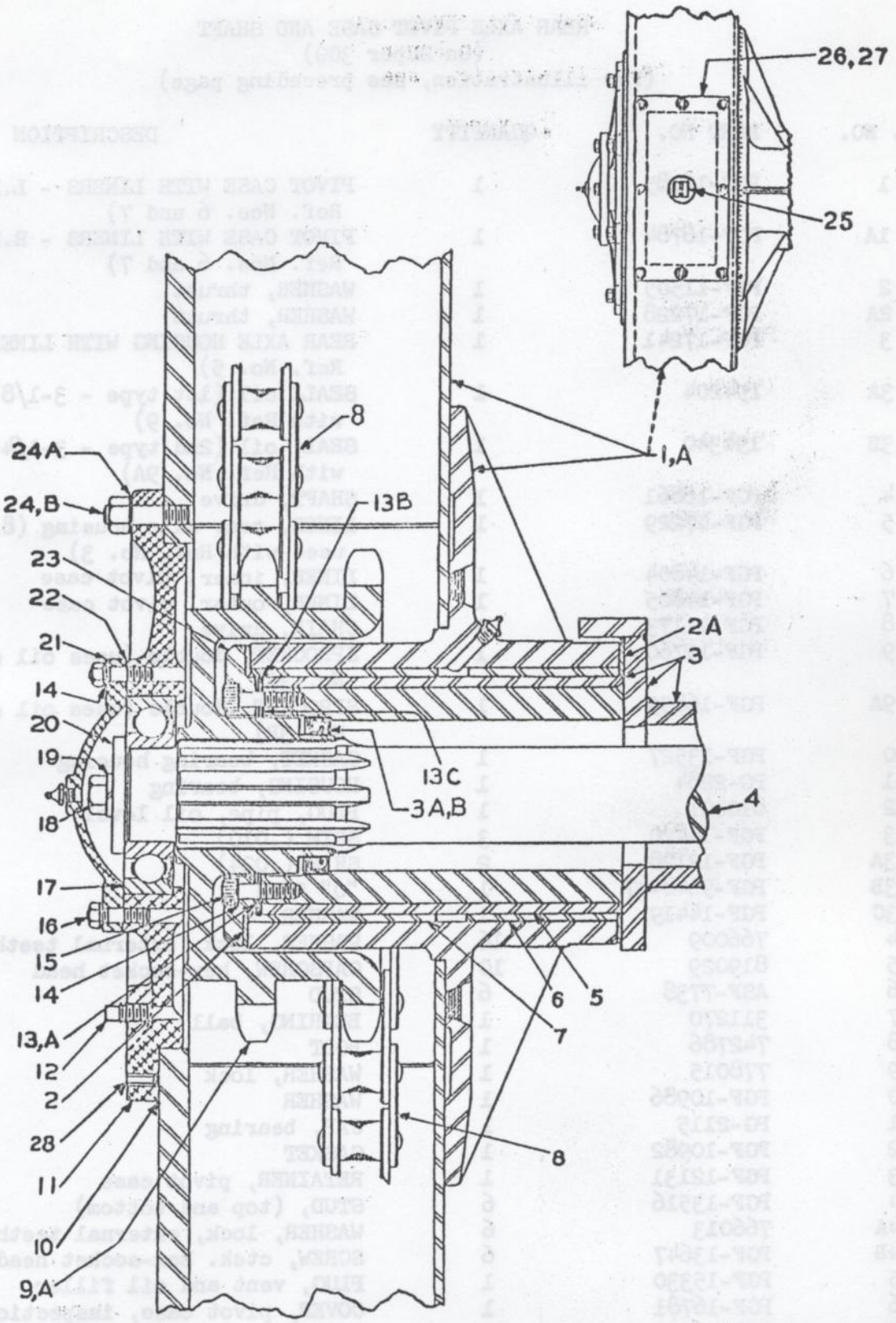
REAR AXLE CIRCLE ON SUPER 300
(Used Up To Machine No. 366-9138)
(Also Was Used On 365-9284)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15685	1	PLATE, support
2	PGF-15686	1	BUSHING, support plate
3	PGF-15688	2	SHIELD, dirt
4	PGF-15687	1	SHIELD, dirt
7	PGF-14692	1	PLATE, wear (rear)
8	743019	10	CAPSCREW - flat head
9	PGF-15508	1	GUIDE
10	PGF-14701	3	STUD
11	766014	7	WASHER, lock, external teeth
12	PGF-14697	As req'd	SHIM, guide - .010" thick
13	PGF-14696	As req'd	SHIM, guide - .030" thick
14			HOUSING, rear axle (see separate page)
15	PGF-14754	2	PLATE, wear (side)
16	PGF-15509	2	GUIDE
17	PGF-14695	As req'd	SHIM, guide - .030" thick
18	PGF-14694	As req'd	SHIM, guide - .010" thick
19	PGF-14702	4	STUD
20	PGF-15242	3	STUD
21	PGF-17019	6	BOLT



REAR AXLE CIRCLE ON SUPER 300
(Machine No. 366-9138 and Up Except 365-9284)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16628	1	PLATE, support
2	PGF-15903	1	BUSHING, support plate
3	PGF-16678	1	RETAINER, felt
4	PGF-15739	1	FELT
5	064540	3	FITTING, lubrication
7	PGF-14692	1	PLATE, wear - rear
8	743019	2	CAPSCREW
9	PGF-16975	1	GUIDE
10	PGF-16976	3	STUD
11	766014	7	WASHER, lock, external teeth
12	PGF-14697	As req'd	SHIM, guide - .010" thick
13	PGF-14696	As req'd	SHIM, guide - .030" thick
14			HOUSING, rear axle (see separate page)
15	PGF-15585	2	PLATE, wear - side
16	PGF-15574	2	GUIDE
17	PGF-15565	As req'd	SHIM, guide - .030" thick
18	PGF-15566	As req'd	SHIM, guide - .010" thick
19	PGF-14702	4	STUD
20	PGF-15242	3	STUD
21	PGF-17019	6	BOLT
22	743026	12	CAPSCREW
23	PGF-16361	4	PIN, dowel - for wear plate

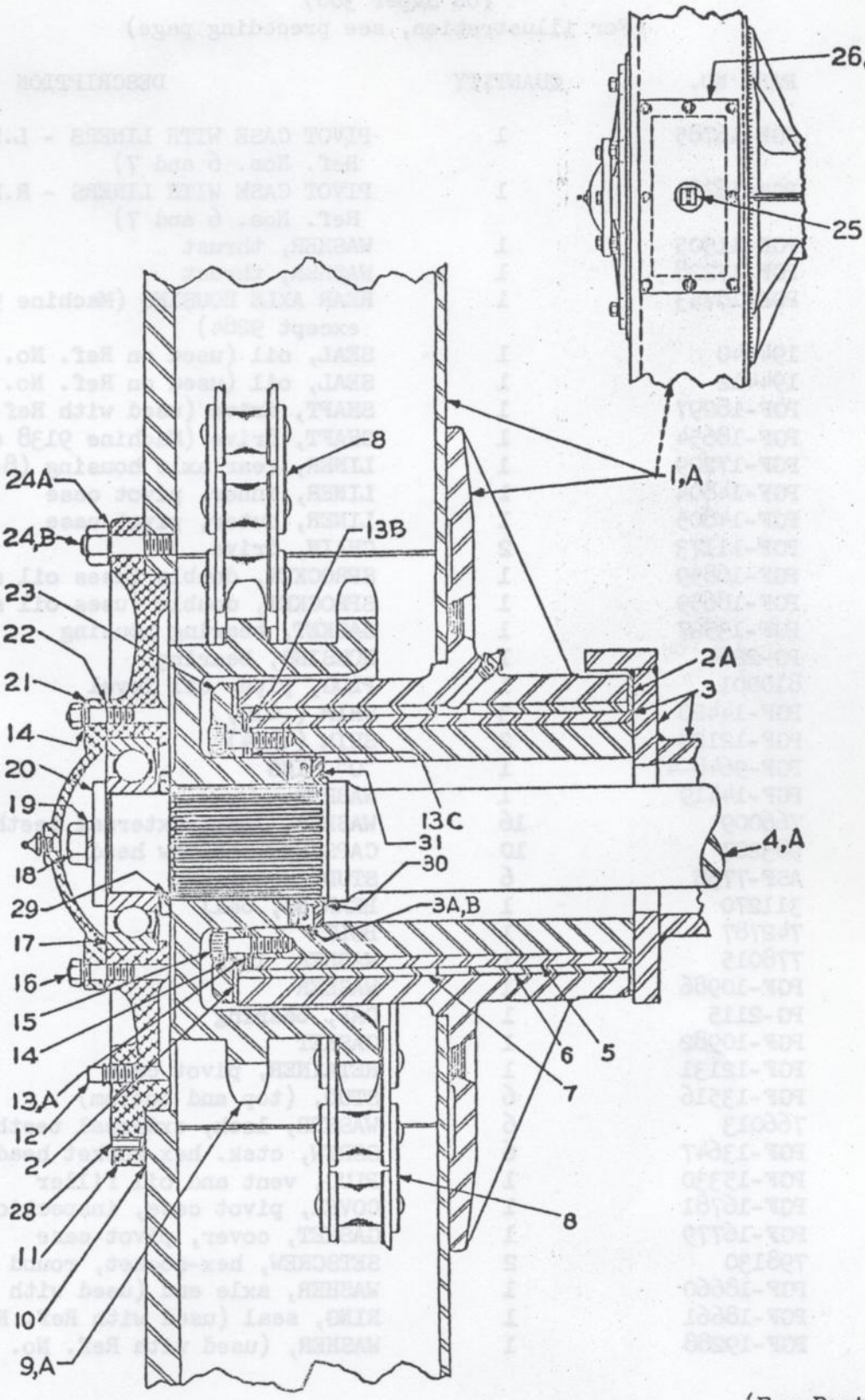


(For Part Numbers, see next page)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 300)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 300)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16785	1	PIVOT CASE WITH LINERS - L.H. (includes Ref. Nos. 6 and 7)
1A	PGF-16784	1	PIVOT CASE WITH LINERS - R.H. (includes Ref. Nos. 6 and 7)
2	PGF-11505	1	WASHER, thrust
2A	PGF-17228	1	WASHER, thrust
3	PGP-17241	1	REAR AXLE HOUSING WITH LINERS (includes Ref. No. 5)
3A	194204	1	SEAL, oil (1st type - 3-1/8" ID)-(used with Ref. No. 9)
3B	194340	1	SEAL, oil (2nd type - 3-1/4" ID)-(used with Ref. No. 9A)
4	PGF-16861	1	SHAFT, drive
5	PGF-17229	1	LINER, rear axle housing (8-29/32" long - used with Ref. No. 3)
6	PGF-14804	1	LINER, inner, pivot case
7	PGF-14805	1	LINER, outer, pivot case
8	PGF-11173	2	CHAIN, drive
9	PGF-15760	1	SPROCKET, double (uses oil seal Ref. No. 3A)
9A	PGF-16859	1	SPROCKET, double (uses oil seal Ref. No. 3B)
10	PGF-13527	1	GASKET, bearing housing
11	PG-2284	1	HOUSING, bearing
12	810001	1	PLUG, pipe, oil level
13	PGF-14420	3	SHIM (.010)
13A	PGF-12128	2	SHIM (.024)
13B	PGF-9648-47	1	"O" RING
13C	PGF-14419	1	WASHER
14	766009	16	WASHER, lock, external teeth
15	819029	10	CAPSCREW, hex-socket head
16	ASF-7738	6	STUD
17	311270	1	BEARING, ball
18	742786	1	BOLT
19	778015	1	WASHER, lock
20	PGF-10986	1	WASHER
21	PG-2115	1	CAP, bearing
22	PGF-10982	1	GASKET
23	PGF-12131	1	RETAINER, pivot case
24	PGF-13516	6	STUD, (top and bottom)
24A	766013	6	WASHER, lock, external teeth (top and bottom)
24B	PGF-13647	6	SCREW, ctsk. hex-socket head (for ends)
25	PGF-15330	1	PLUG, vent and oil filler
26	PGF-16781	1	COVER, pivot case, inspection hole - (center)
27	PGF-16779	1	GASKET, cover, pivot case
28	798130	2	SETSCREW, hex-socket, round point

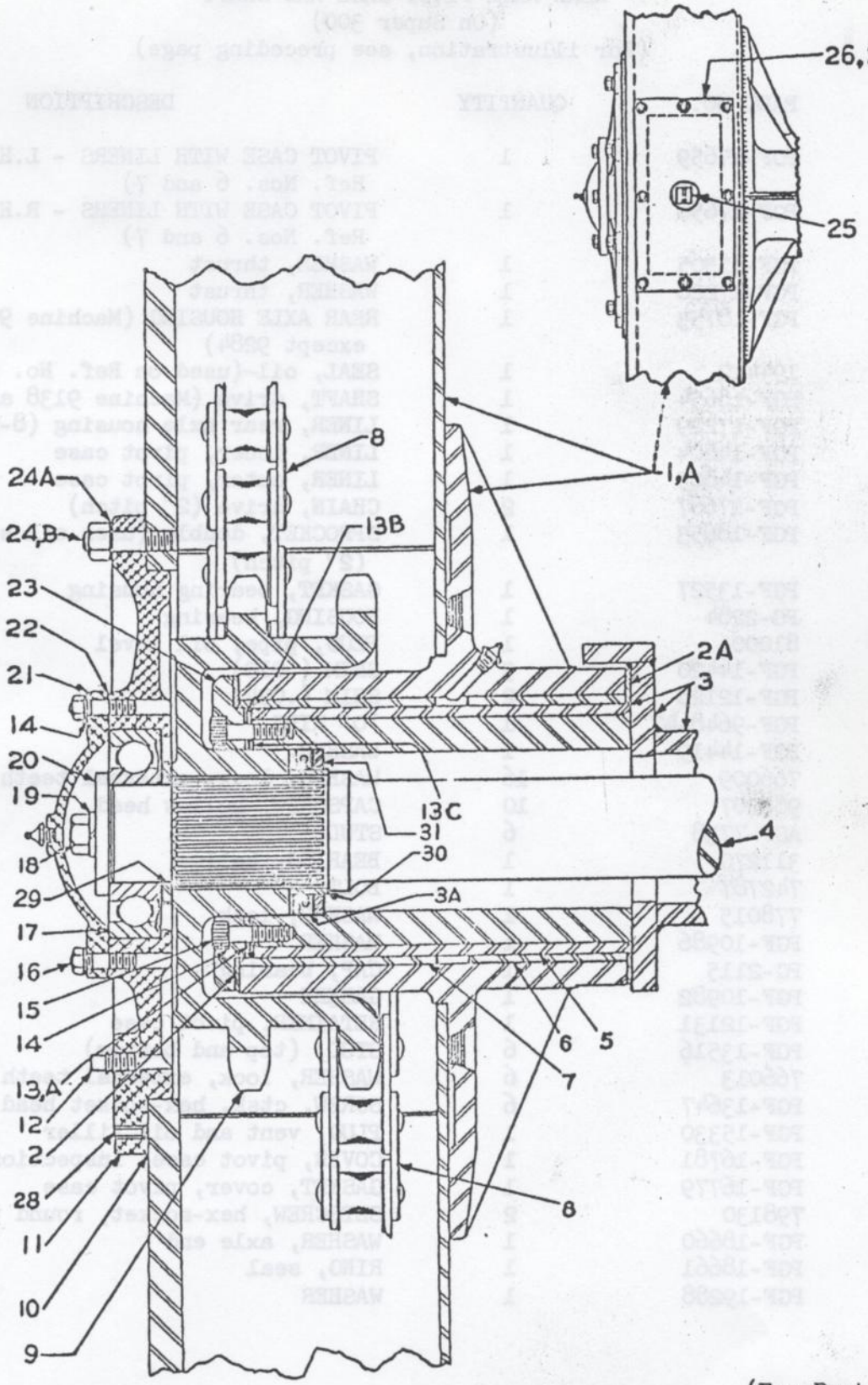


(For Part Numbers, see next page)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 300)
(1-3/4" Pitch Chain)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 300)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16785	1	PIVOT CASE WITH LINERS - L.H. (includes Ref. Nos. 6 and 7)
1A	PGF-16784	1	PIVOT CASE WITH LINERS - R.H. (includes Ref. Nos. 6 and 7)
2	PGF-11505	1	WASHER, thrust
2A	PGF-17228	1	WASHER, thrust
3	PGF-18753	1	REAR AXLE HOUSING (Machine 9138 and Up except 9284)
3A	194340	1	SEAL, oil (used on Ref. No. 9)
3B	194412	1	SEAL, oil (used on Ref. No. 9A)
4	PGF-18297	1	SHAFT, drive (used with Ref. No. 9)
4A	PGF-18654	1	SHAFT, drive (Machine 9138 and Up Except 9284)
5	PGF-17229	1	LINER, rear axle housing (8-29/32" long)
6	PGF-14804	1	LINER, inner, pivot case
7	PGF-14805	1	LINER, outer, pivot case
8	PGF-11173	2	CHAIN, drive
9	PGF-16859	1	SPROCKET, double (uses oil seal Ref. No. 3A)
9A	PGF-18659	1	SPROCKET, double (uses oil seal Ref. No. 3B)
10	PGF-13527	1	GASKET, bearing housing
11	PG-2284	1	HOUSING, bearing
12	810001	1	PLUG, pipe, oil level
13	PGF-14420	3	SHIM (.010)
13A	PGF-12128	2	SHIM (.024)
13B	PGF-9648-47	1	"O" RING
13C	PGF-14419	1	WASHER
14	766009	16	WASHER, lock, external teeth
15	983207	10	CAPSCREW, hollow head
16	ASF-7738	6	STUD
17	311270	1	BEARING, ball
18	742787	1	BOLT
19	778015	1	WASHER, lock
20	PGF-10986	1	WASHER
21	PG-2115	1	CAP, bearing
22	PGF-10982	1	GASKET
23	PGF-12131	1	RETAINER, pivot case
24	PGF-13516	6	STUD, (top and bottom)
24A	766013	6	WASHER, lock, external teeth (top and bottom)
24B	PGF-13647	6	SCREW, ctsk. hex-socket head (for ends)
25	PGF-15330	1	PLUG, vent and oil filler
26	PGF-16781	1	COVER, pivot case, inspection hole - (Center)
27	PGF-16779	1	GASKET, cover, pivot case
28	798130	2	SETSCREW, hex-socket, round point
29	PGF-18660	1	WASHER, axle end (used with Ref. No. 9A)
30	PGF-18661	1	RING, seal (used with Ref. No. 9A)
31	PGF-19288	1	WASHER, (used with Ref. No. 9A)

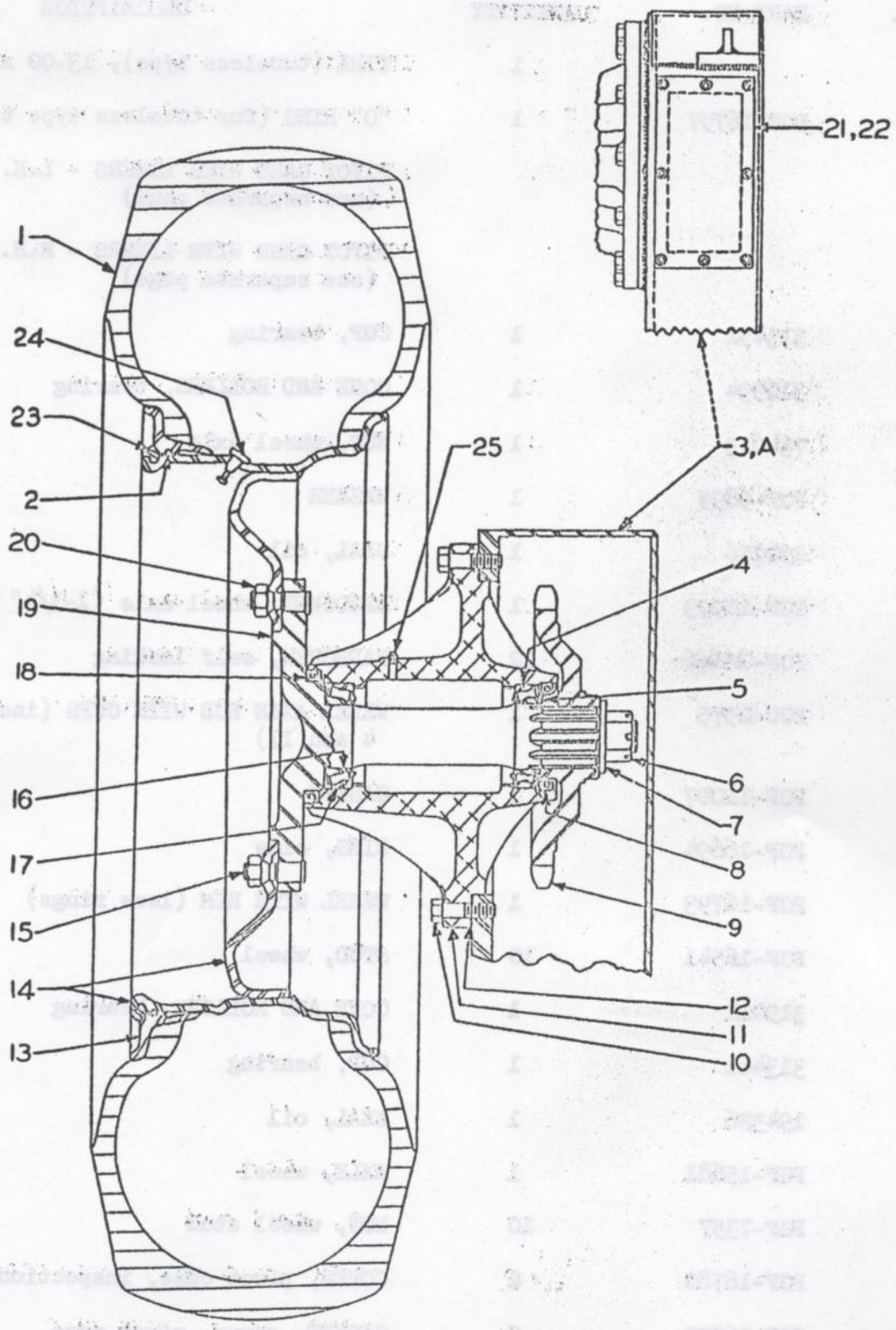


(For Part Numbers, see next page)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 300)
(2" Pitch Chain)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 300)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17659	1	PIVOT CASE WITH LINERS - L.H. (includes Ref. Nos. 6 and 7)
1A	PGF-17658	1	PIVOT CASE WITH LINERS - R.H. (includes Ref. Nos. 6 and 7)
2	PGF-11505	1	WASHER, thrust
2A	PGF-17228	1	WASHER, thrust
3	PGF-18753	1	REAR AXLE HOUSING (Machine 9138 and Up except 9284)
3A	194412	1	SEAL, oil (used on Ref. No. 9)
4	PGF-18654	1	SHAFT, drive (Machine 9138 and Up Except 9284)
5	PGF-17229	1	LINER, rear axle housing (8-29/32" long)
6	PGF-14804	1	LINER, inner, pivot case
7	PGF-14805	1	LINER, outer, pivot case
8	PGF-17667	2	CHAIN, drive (2" pitch)
9	PGF-18653	1	SPROCKET, double (uses oil seal Ref. No. 3A) (2" pitch)
10	PGF-13527	1	GASKET, bearing housing
11	PG-2284	1	HOUSING, bearing
12	810001	1	PLUG, pipe, oil level
13	PGF-14420	3	SHIM (.010)
13A	PGF-12128	2	SHIM (.024)
13B	PGF-9648-47	1	"O" RING
13C	PGF-14419	1	WASHER
14	766009	16	WASHER, lock, external teeth
15	983207	10	CAPSCREW, hollow head
16	ASF-7738	6	STUD
17	311270	1	BEARING, ball
18	742787	1	BOLT
19	778015	1	WASHER, lock
20	PGF-10986	1	WASHER
21	PG-2115	1	CAP, bearing
22	PGF-10982	1	GASKET
23	PGF-12131	1	RETAINER, pivot case
24	PGF-13516	6	STUD, (top and bottom)
24A	766013	6	WASHER, lock, external teeth (top and bottom)
24B	PGF-13647	6	SCREW, ctsk. hex-socket head (for ends)
25	PGF-15330	1	PLUG, vent and oil filler
26	PGF-16781	1	COVER, pivot case, inspection hole - (Center)
27	PGF-16779	1	GASKET, cover, pivot case
28	798130	2	SETSCREW, hex-socket, round point
29	PGF-18660	1	WASHER, axle end
30	PGF-18661	1	RING, seal
31	PGF-19288	1	WASHER

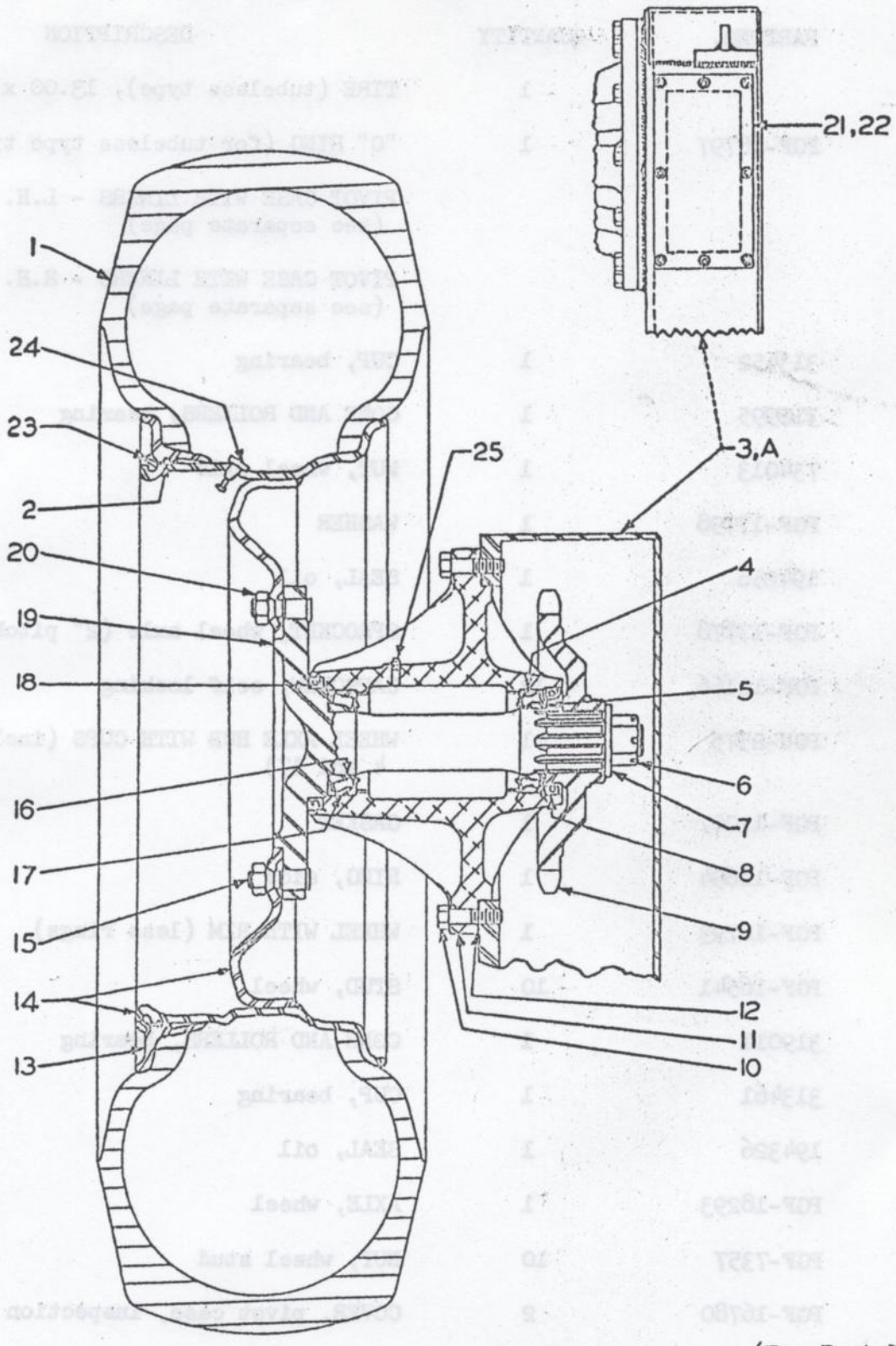


(For Part Numbers, see next page).

REAR WHEEL AND AXLE ASSEMBLY
(ON SUPER 300)
(1-3/4" Pitch Chain)

REAR WHEEL AND AXLE ASSEMBLY ON SUPER 300
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 13.00 x 24 - 10 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3			PIVOT CASE WITH LINERS - L.H. (see separate page)
3A			PIVOT CASE WITH LINERS - R.H. (see separate page)
4	313452	1	CUP, bearing
5	312994	1	CONE AND ROLLERS, bearing
6	734013	1	NUT, wheel axle
7	PGF-9895	1	WASHER
8	194256	1	SEAL, oil
9	PGF-10993	1	SPROCKET, wheel axle (1-3/4" pitch)
10	PGF-12166	12	CAPSCREW, self locking
11	PGU-2575	1	WHEEL AXLE HUB WITH CUPS (includes Ref. Nos. 4 and 17)
12	PGF-11007	1	GASKET
13	PGF-16694	1	RING, side
14	PGF-16793	1	WHEEL WITH RIM (less rings)
15	PGF-16541	10	STUD, wheel
16	319011	1	CONE AND ROLLERS, bearing
17	313461	1	CUP, bearing
18	194326	1	SEAL, oil
19	PGF-15681	1	AXLE, wheel
20	PGF-7357	10	NUT, wheel stud
21	PGF-16780	2	COVER, pivot case, inspection hole - (ends)
22	PGF-16779	2	GASKET, cover, pivot case
23	PGF-16693	1	RING, locking
24	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
25	813000	1	PLUG, pipe

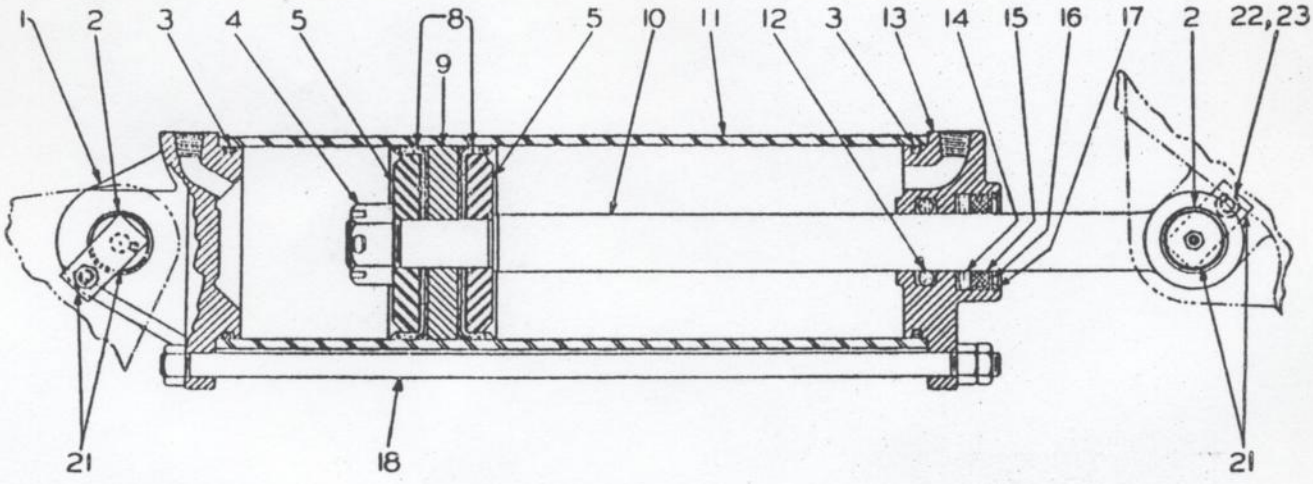


(For Part Numbers, see next page)

REAR WHEEL AND AXLE ASSEMBLY
(ON SUPER 300)
(2" Pitch Chain)

REAR WHEEL AND AXLE ASSEMBLY ON SUPER 300
(For illustration, see preceding page)

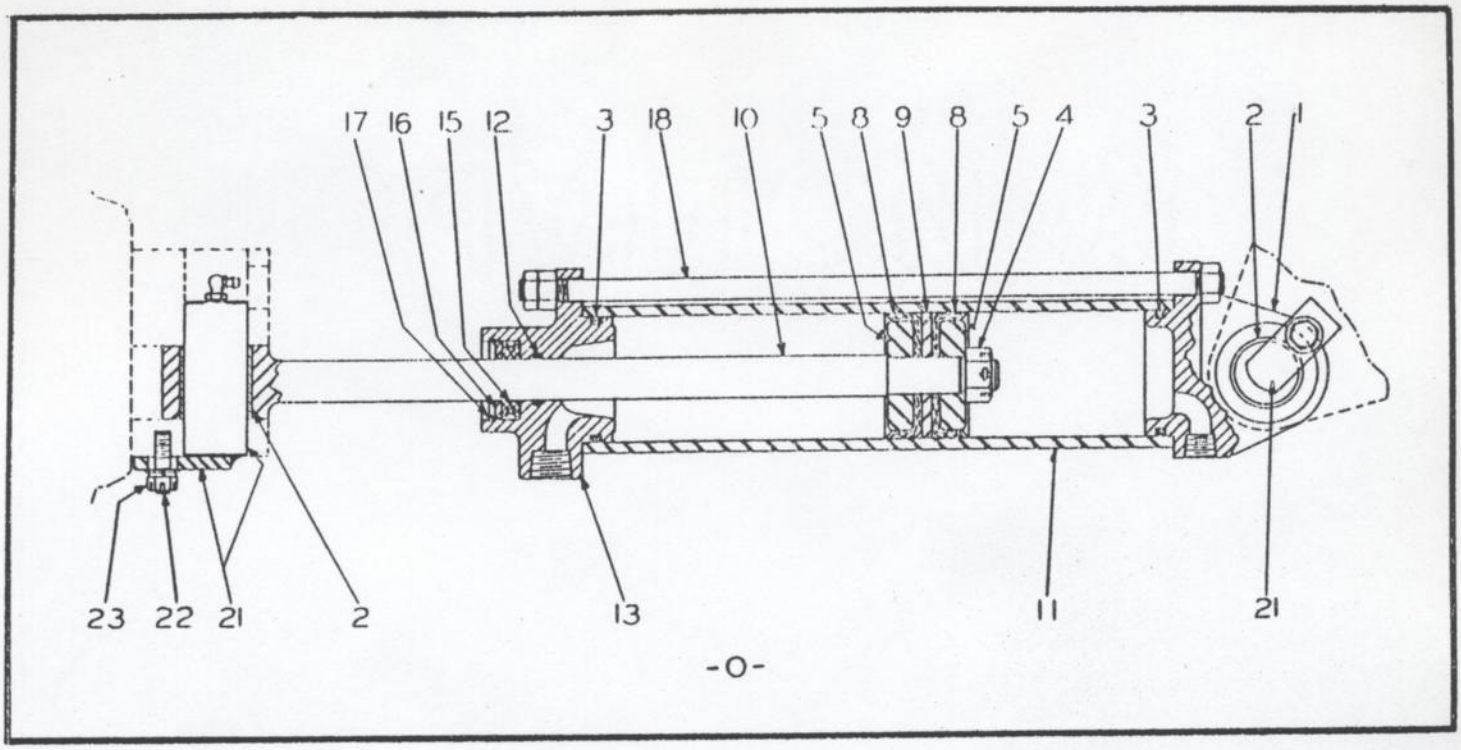
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 13.00 x 24 - 10 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3			PIVOT CASE WITH LINERS - L.H. (see separate page)
3A			PIVOT CASE WITH LINERS - R.H. (see separate page)
4	313452	1	CUP, bearing
5	312995	1	CONE AND ROLLERS, bearing
6	734013	1	NUT, wheel axle
7	PGF-17798	1	WASHER
8	194256	1	SEAL, oil
9	PGF-17778	1	SPROCKET, wheel axle (2" pitch)
10	PGF-12166	12	CAPSCREW, self locking
11	PGU-2575	1	WHEEL AXLE HUB WITH CUPS (includes Ref. Nos. 4 and 17)
12	PGF-11007	1	GASKET
13	PGF-16694	1	RING, side
14	PGF-16793	1	WHEEL WITH RIM (less rings)
15	PGF-16541	10	STUD, wheel
16	319011	1	CONE AND ROLLERS, bearing
17	313461	1	CUP, bearing
18	194326	1	SEAL, oil
19	PGF-18293	1	AXLE, wheel
20	PGF-7357	10	NUT, wheel stud
21	PGF-16780	2	COVER, pivot case, inspection hole - (ends)
22	PGF-16779	2	GASKET, cover, pivot case
23	PGF-16693	1	RING, locking
24	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
25	813000	1	PLUG, pipe



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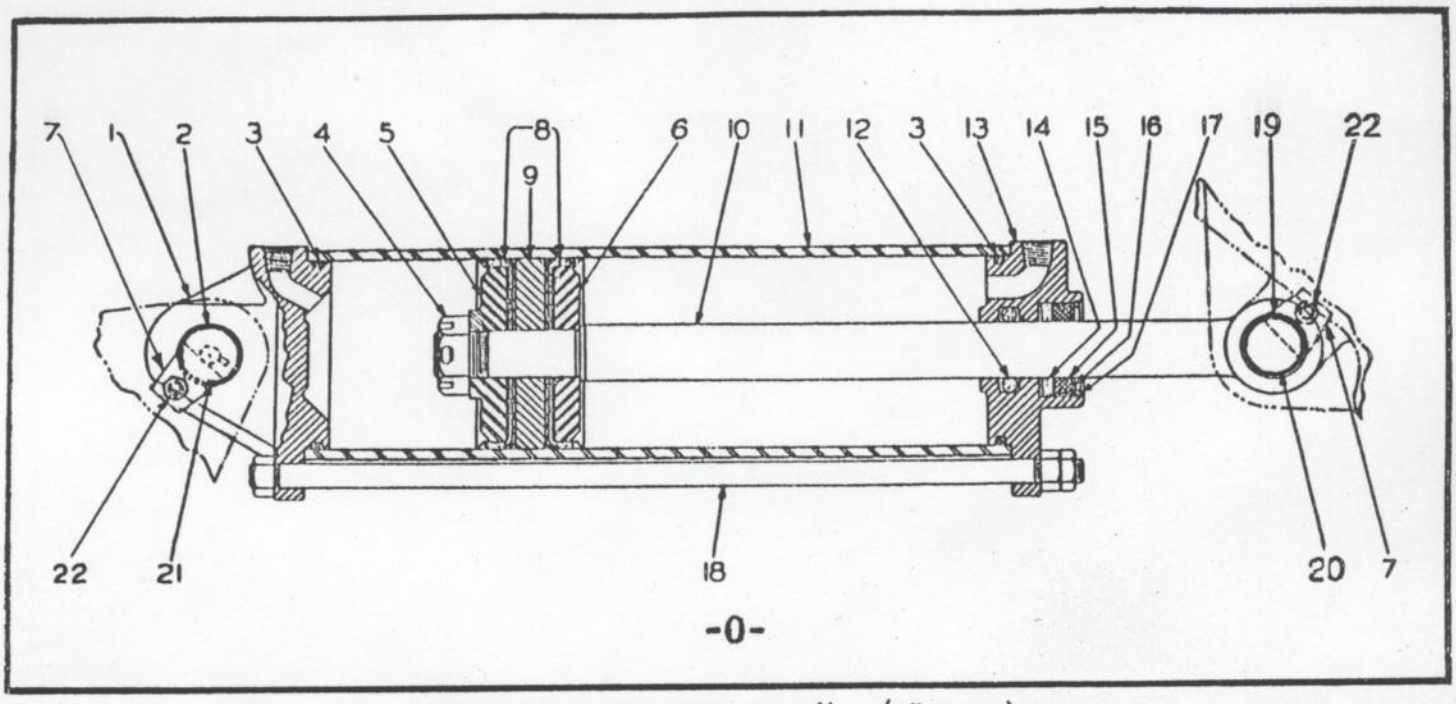
REAR AXLE STEERING RAM
(5" ID - Left Side)
(On Super 365 and 366)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2391-A	1	STEERING RAM GROUP (includes Ref. Nos. 1 to 18 inclusive)
1	PGP-1999	1	BASE WITH BUSHING (includes Ref. No. 2)
2	PGF-10455	2	BUSHING
3	PGF-9648-19	2	"O" RING
4	734013	1	NUT, slotted
5	PGF-3255	2	SPREADER
8	PGF-11776	2	CUP
9	PGA-862	1	PISTON
10	PGF-13285	1	ROD, piston
11	PGF-14489	1	CYLINDER
12	PGF-9648-28	1	"O" RING
13	PGA-1998	1	HEAD
14	PGF-6997	1	FELT
15	PGF-1699	1	WIPER
16	SPF-1093	1	WASHER
17	SPF-1095	1	RING, snap
18	PGF-12625	4	ROD, tie
21	PGF-14755	2	PIN WITH KEEPER
22	HCF-666	1	STUD
23	727003	1	NUT, slotted



REAR AXLE STEERING RAM
(3" ID - Right Side)
(On Super 365 and 366)

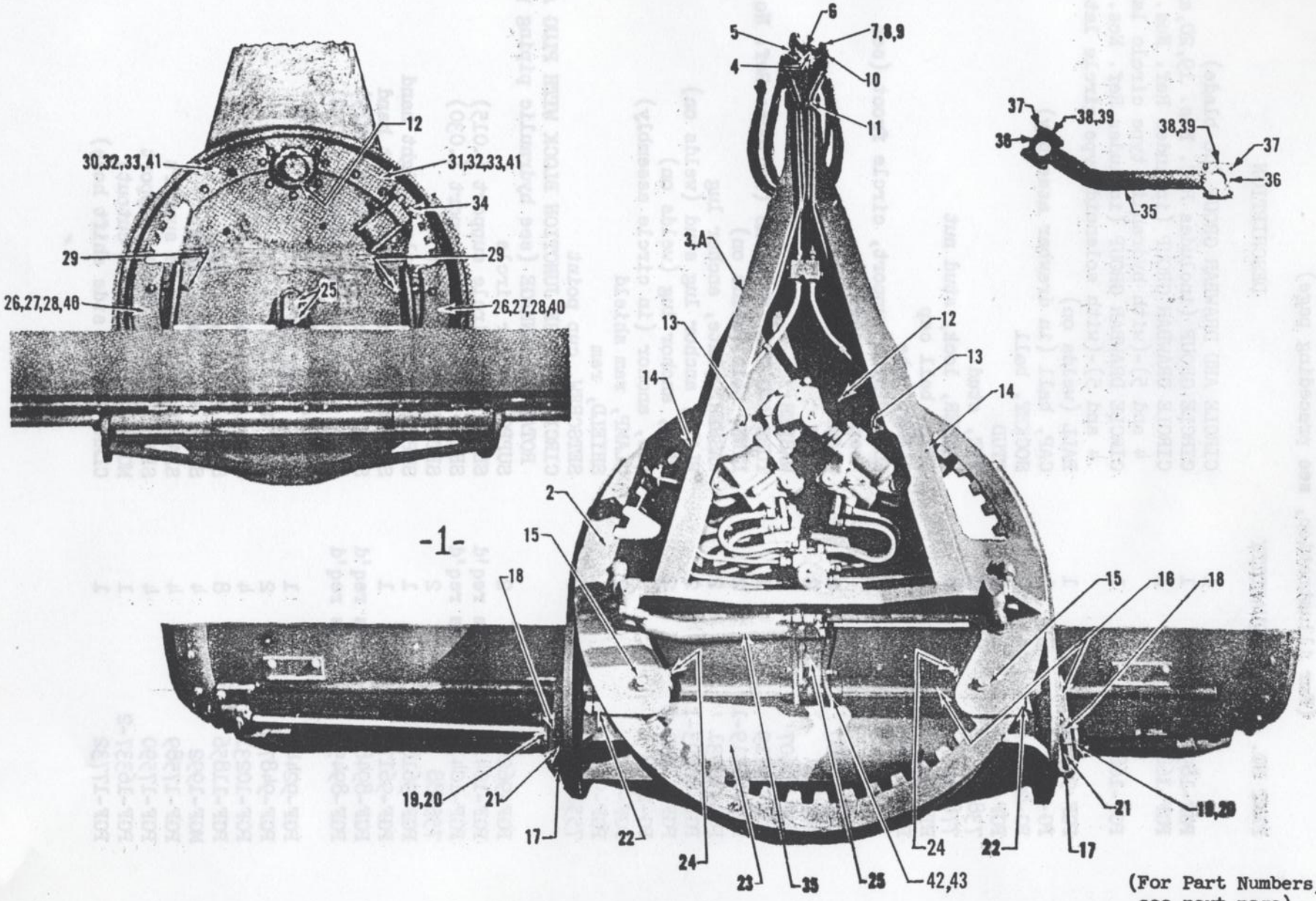
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2516	1	STEERING RAM GROUP (includes Ref. Nos. 1 to 18 inclusive)
1	PG-2354	1	BASE
2	PGF-10455	2	BUSHING
3	PGF-9648-4	2	"O" RING
4	734009	1	NUT, slotted
5	MSF-2112	2	SPREADER
8	MSF-1926	2	CUP
9	MSF-2113	1	PISTON
10	PGF-15094	1	ROD, piston
11	PGF-15100	1	CYLINDER
12	PGF-9648-3	1	"O" RING
13	PG-2355	1	HEAD
15	PGF-5364	1	WIPER
16	ASF-5292	1	WASHER
17	HCF-3469	1	RING, snap
18	PGF-15101	4	ROD, tie
21	PGF-14755	2	PIN WITH KEEPER
22	HCF-666	1	STUD
23	727003	1	NUT, slotted



REAR AXLE STEERING RAM (4 1/2" I.D.)
(On Super 300)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2733	2	STEERING RAM GROUP (includes Ref. Nos. 1 to 18 inclusive)
1	PGP-1993	1	BASE WITH BUSHING (includes Ref. No. 2)
2	PGF-10455	1	BUSHING, ram base
3	PGF-9648-14	2	"O" RING
4	734013	1	NUT, slotted
5	PGF-11082	1	SPREADER, outer
6	PGF-11083	1	SPREADER, inner
7	PGF-16552	2	KEEPER, for pin
8	PGF-11774	2	CUP
9	PG-A-2003	1	PISTON
10	PGF-15715	1	ROD, piston
11	PGF-15564	1	CYLINDER
12	PGF-9648-28	1	"O" RING
13	PG-1992	1	HEAD
14	PGF-6997	1	FELT
15	PGF-1699	1	WIPER
16	SPF-1093	1	WASHER
17	SPF-1095	1	RING, snap
18	PGF-12625	4	ROD, tie
19	PGF-16496	1	BUSHING, ram head
20	PGF-16555	1	PIN, ram head
21	PGF-16612	1	PIN, ram base
22	PGF-15584	2	STUD

Machines 366-9138 and up



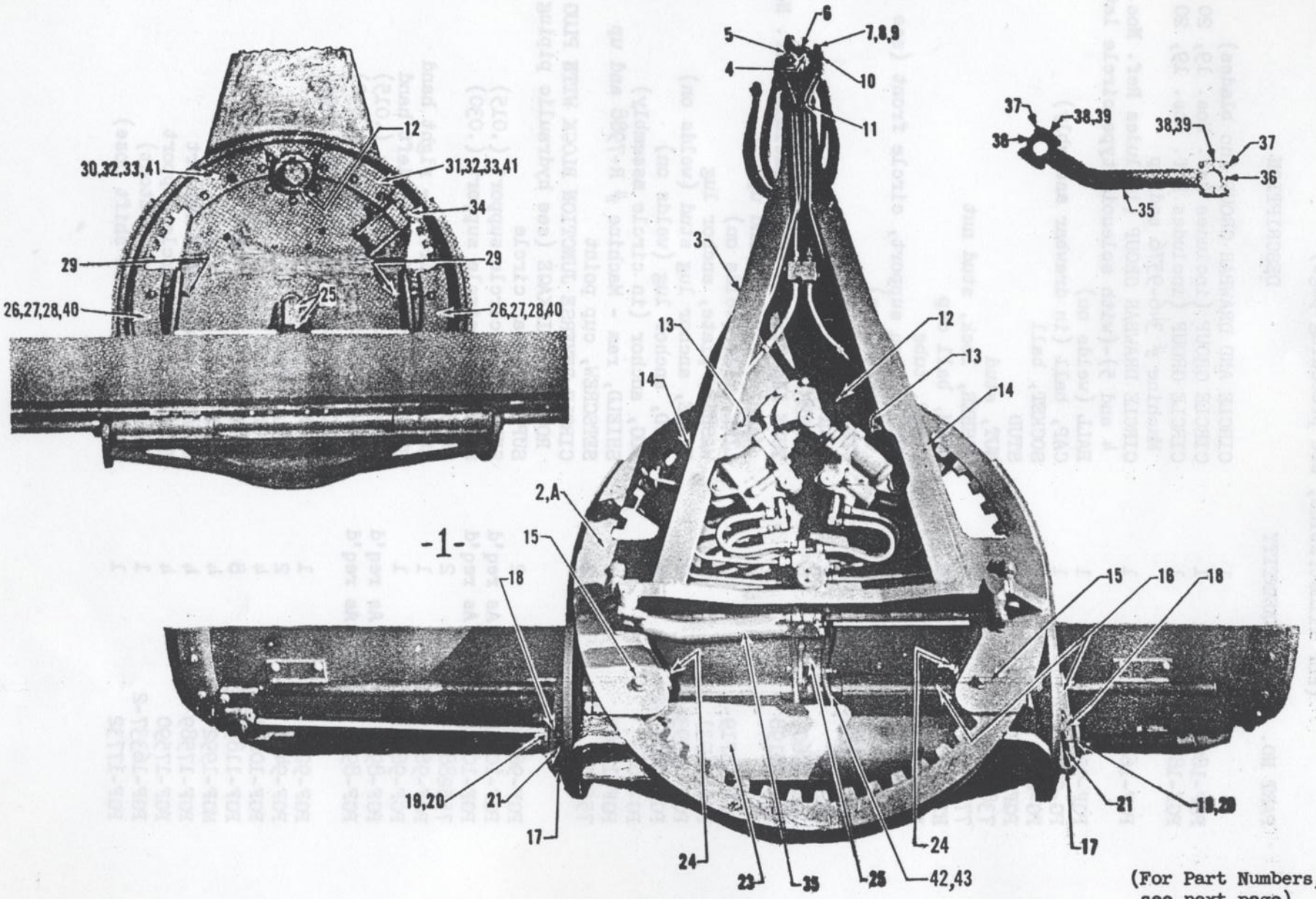
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(For Part Numbers, see next page)

CIRCLE AND DRAWBAR

CIRCLE AND DRAWBAR
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	CIRCLE AND DRAWBAR GROUP (no blade)
2	PGF-18978	1	CIRCLE GROUP (includes Ref. Nos. 19,20,and 21)
3	PGF-16845	1	CIRCLE DRAWBAR GROUP (includes Ref. Nos. 4 and 5)-(with hydraulic type circle latch)
3A	PGF-16860	1	CIRCLE DRAWBAR GROUP (includes Ref. Nos. 4 and 5)-(with solenoid type circle latch)
4	PGF-9236-3	1	BALL (welds on)
5	PG-2059	1	CAP, ball (in drawbar assembly)
6	PG-2060	1	SOCKET, ball
7	PGF-11874	4	STUD
8	738009	8	NUT, stud
9	778019	8	WASHER, lock, stud nut
10	HTF-367	12	SHIM, ball cap
11	PGF-9529	1	CLAMP, tube
12			HUB, pinion support, circle front (see separate page)
13	PGF-11680	2	CLAMP, tube
14	742890	2	BOLT
15	PGF-10607	6	WASHER
16	PGF-15719	1	TUBE AND TILTING LINKS (includes Ref. No. 17)
17	PGF-15719-1	2	LINK, tilt (welds on)
18	PGF-11931	2	WASHER, plate, anchor lug
19	PGF-12993-1	2	PLATE, anchor lug stud (welds on)
20	PGF-12993-2	2	STUD, anchor lug (welds on)
21	PG-2065	2	LUG, anchor (in circle assembly)
22	PGF-8779	2	CLAMP, ram shield
23	PGF-9752	1	SHIELD, ram
24	755153	2	SETSCREW, cup point
25			CIRCLE REVERSE JUNCTION BLOCK WITH PLUG AND ROTATING LINKAGE (see hydraulic piping page)
26	PGF-9620	2	SUPPORT, rear circle
27	PGF-10414	As req'd	SHIM, rear circle support (.015)
28	PGF-10413	As req'd	SHIM, rear circle support (.030)
29	755288	2	SETSCREW, cup point
30	PGF-9618	1	SUPPORT, front circle - right hand
31	PGF-9617	1	SUPPORT, front circle - left hand
32	PGF-8948	As req'd	SHIM, front circle support (.015)
33	PGF-8949	As req'd	SHIM, front circle support (.032)
34			LATCH, circle (see separate page)
35	PGF-9244	1	LINK, high lift
36	PGF-9487	2	CAP, ball
37	PGF-10231	4	STUD, ball cap
38	PGF-11856	8	SHIM, ball cap (.010)
39	MGF-1992	4	SHIM, ball cap (.024)
40	PGF-17589	4	SPACER, rear circle support
41	PGF-17590	4	SPACER, front circle support
42	PGF-16337-2	1	MOLDING (Ram shield cutout)
43	PGF-17732	1	CLAMP (Blade side shift hose)



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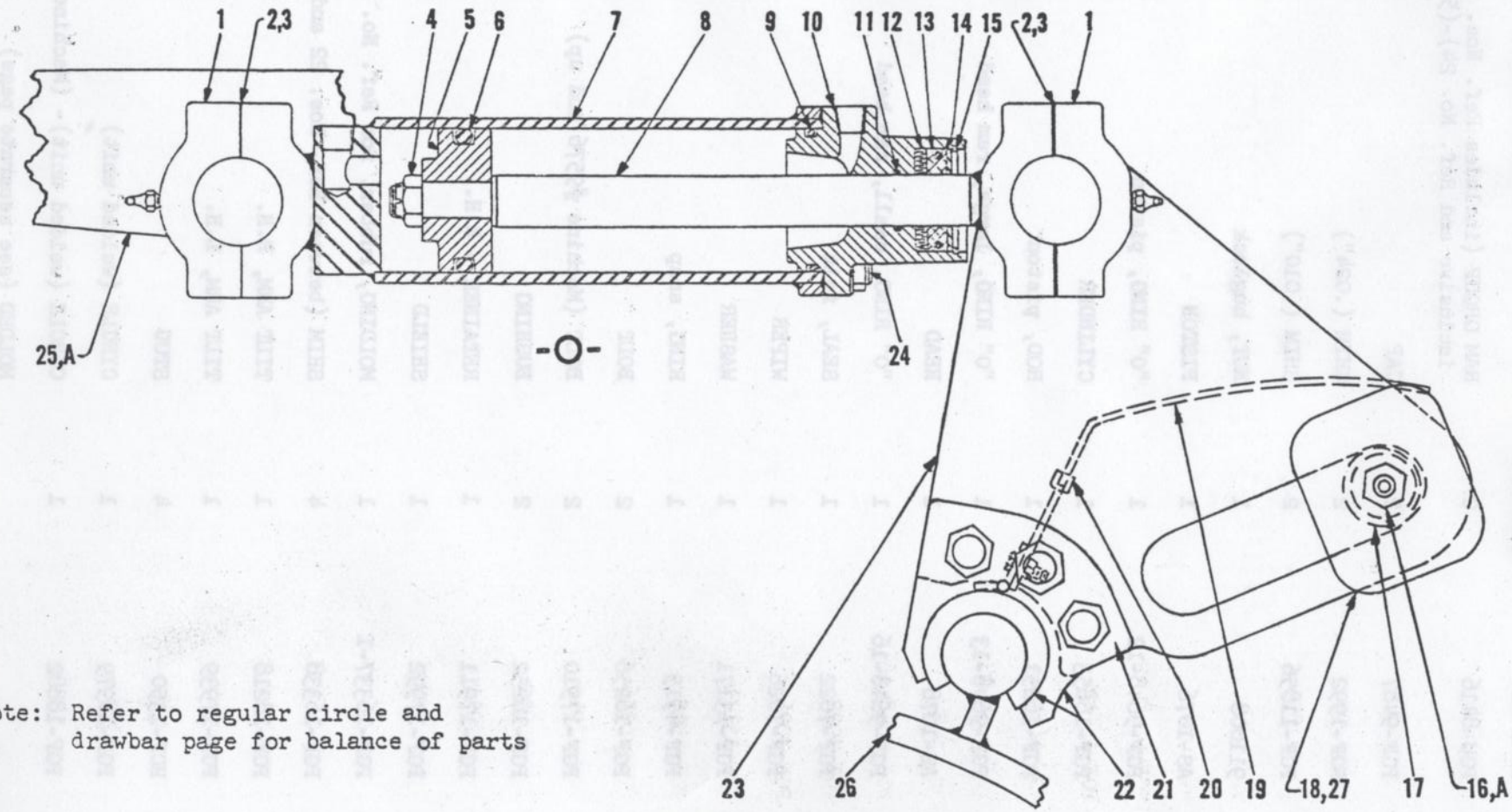
(For Part Numbers, see next page)

CIRCLE AND DRAWBAR

CIRCLE AND DRAWBAR

(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	CIRCLE AND DRAWBAR GROUP (no blades)
2	PGF-18978	1	CIRCLE GROUP (includes Ref. Nos. 19, 20 & 21)
2A	PGF-18794	1	CIRCLE GROUP (includes Ref. Nos. 19, 20 & 21) - Machine # 346-9576 and up
3	PGF-16860	1	CIRCLE DRAWBAR GROUP (includes Ref. Nos. 4 and 5)-(with solenoid type circle latch)
4	PGF-9236-3	1	BALL (welds on)
5	PG-2059	1	CAP, ball (in drawbar assembly)
6	PG-2060	1	SOCKET, ball
7	PGF-11874	4	STUD
8	738009	8	NUT, stud
9	778019	8	WASHER, lock, stud nut
10	HTF-367	12	SHIM, ball cap
11	PGF-9529	1	CLAMP, tube
12			HUB, pinion support, circle front (see separate page)
13	PGF-11680	2	CLAMP, tube
14	742890	2	BOLT
15	PGF-10607	6	WASHER
16	PGF-18198	1	TUBE AND TILTING LINKS (includes Ref. No. 17) - Machine # R-7988 and up
17	PGF-15719-1	2	LINK, tilt (welds on)
18	PGF-11931	2	WASHER, plate, anchor lug
19	PGF-12993-1	2	PLATE, anchor lug stud (welds on)
20	PGF-12993-2	2	STUD, anchor lug (welds on)
21	PG-2065	2	LUG, anchor (in circle assembly)
23	PGF-17983	1	SHIELD, ram - Machine # R-7988 and up
24	755153	2	SETSCREW, cup point
25			CIRCLE REVERSE JUNCTION BLOCK WITH PLUG AND ROTATING LINKAGE (see hydraulic piping page)
26	PGF-9620	2	SUPPORT, rear circle
27	PGF-10414	As req'd	SHIM, rear circle support (.015)
28	PGF-10413	As req'd	SHIM, rear circle support (.030)
29	755288	2	SETSCREW, cup point
30	PGF-9618	1	SUPPORT, front circle - right hand
31	PGF-9617	1	SUPPORT, front circle - left hand
32	PGF-8948	As req'd	SHIM, front circle support (.015)
33	PGF-8949	As req'd	SHIM, front circle support (.032)
34			LATCH, circle (see separate page)
35	PGF-9244	1	LINK, high lift
36	PGF-9487	2	CAP, ball
37	PGF-10231	4	STUD, ball cap
38	PGF-11856	8	SHIM, ball cap (.010)
39	MGF-1992	4	SHIM, ball cap (.024)
40	PGF-17589	4	SPACER, rear circle support
41	PGF-17590	4	SPACER, front circle support
42	PGF-16337-2	1	MOLDING (ram shield cutout)
43	PGF-17732	1	CLAMP (blade side shift hose)



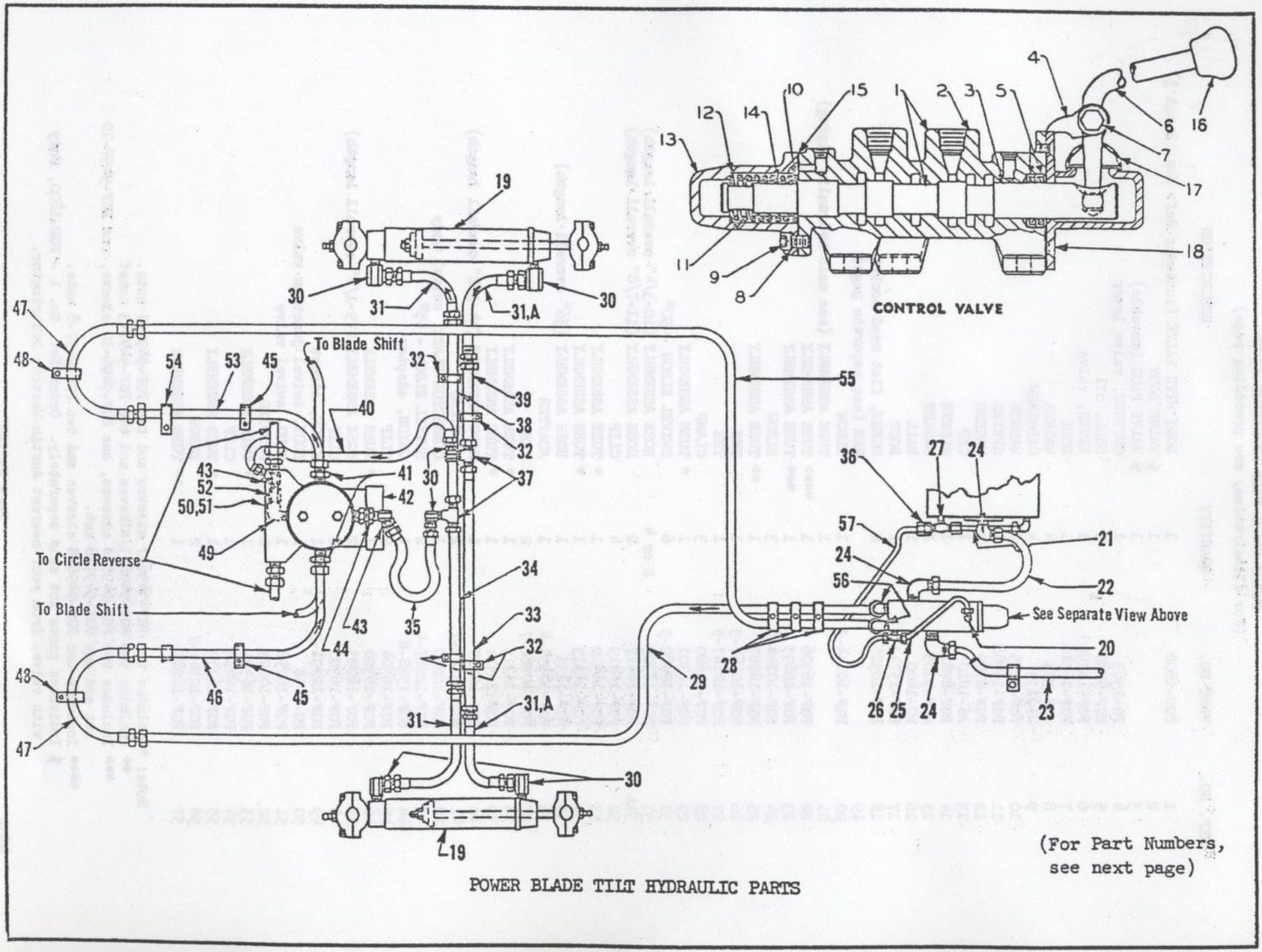
Note: Refer to regular circle and drawbar page for balance of parts

RAM, CIRCLE AND ARMS FOR POWER BLADE TILT

(For Part Numbers, see next page)

RAM, CIRCLE AND ARMS FOR POWER BLADE TILT
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-8416	2	RAM GROUP (includes Ref. Nos. 1 to 15 inclusive and Ref. No. 24)-(5-9/32" stroke)
1	PGF-9487	2	CAP
2	MGF-1992	2	SHIM (.024")
3	PGF-11856	2	SHIM (.010")
4	911008	1	NUT, huglock
5	AS-1076	1	PISTON
6	PGF-9648-12	1	"O" RING, piston
7	PGF-16653	1	CYLINDER
8	PGF-16251	1	ROD, piston
9	PGF-9648-13	1	"O" RING, large, ram head
10	AS-1078	1	HEAD
11	PGF-9648-16	1	"O" RING, small, ram head
12	PGF-7022	1	SEAL, felt
13	PGF-7026	1	WIPER
14	PGF-13171	1	WASHER
15	PGF-4515	1	RING, snap
16	PGF-16256	2	BOLT
16A	PGF-17910	2	BOLT (Machine #9576 and up)
17	PGF-16252	2	BUSHING
18	PGF-17911	1	RETAINER - R.H.
19	PGF-17992	1	SHIELD
20	PGF-16337-1	1	MOLDING, rubber, for Ref. No. 19)
21	PGF-16338	4	SHIM (between Ref. Nos. 22 and 23)
22	PGF-18218	1	TILT ARM, R.H.
23	PGF-17939	1	TILT ARM, L.H.
24	HCF-1350	4	STUD
25	PGF-18979	1	CIRCLE (welded unit)
25A	PGF-18882	1	CIRCLE (welded unit)- (Machine #9576 and up)
26			MOLDED (see separate page)
27	PGF-17903	1	RETAINER - L.H.



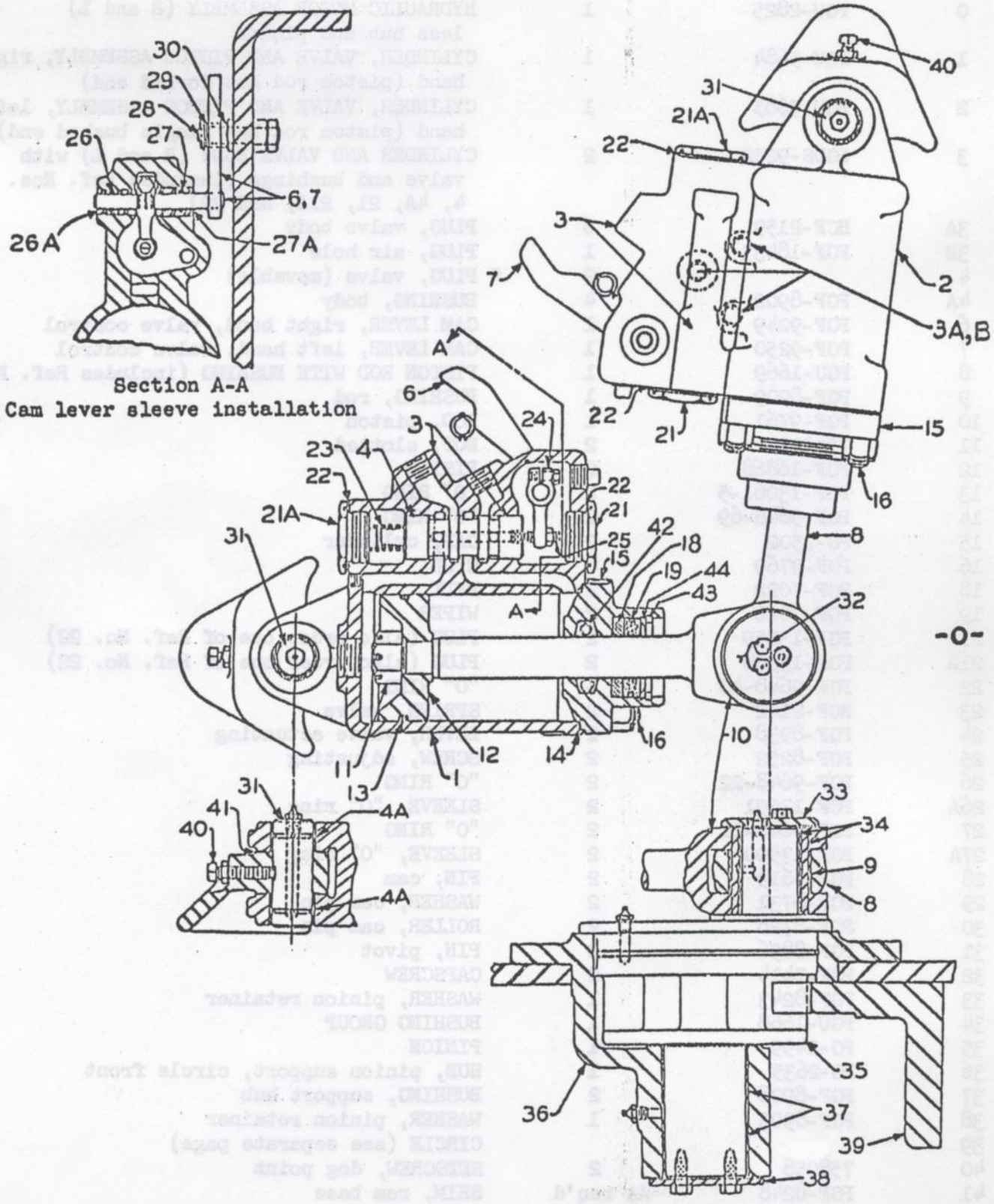
POWER BLADE TILT HYDRAULIC PARTS

(For Part Numbers, see next page)

POWER BLADE TILT HYDRAULIC PARTS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-1800	1	BODY WITH VALVE (includes Ref. Nos. 2 and 3)
2		1	% VALVE BODY
3		1	% VALVE PLUG (movable)
4	PG-2363	1	SUPPORT, valve lever
5	HCF-5980	2	SEAL, oil
6	PGF-16199	1	LEVER, valve
7	PGF-16346	1	BOLT
8	HCF-373	4	WASHER
9	819133	4	CAPSCREW
10	PGF-8785	1	WASHER
11	PGF-15988	1	SPRING
12	PGF-8780	1	WASHER
13	AS-1010	1	CAP
14	PGF-8781	1	SLEEVE
15	ASF-5105	1	GASKET
16	PG-1400	1	BALL
17	PGF-15741	1	BOOT
18	PGF-16325	2	SCREW, flat head socket
19			RAM (see separate page)
20	PGF-10144-3	1	ELBOW
21		1	TUBE ASSEMBLY (see main hydraulic piping)
22	PGF-16306	1	**** TUBE ASSEMBLY
23	PGF-16895	1	*** TUBE ASSEMBLY
24	PGF-10144-8	3	ELBOW
25	PGF-16287	1	** TUBE ASSEMBLY
26	PGF-10147-3	1	TEE
27	PGF-10147-5	1	TEE
28	PGF-11680	3	CLAMP
29	PGF-16301	1	* TUBE ASSEMBLY
30	PGF-12282-5	6	SWIVEL ELBOW - 90°
31	PGF-16309	2 or 4	HOSE ASSEMBLY (10-3/4" overall length)
31A	PGF-10517	2	HOSE ASSEMBLY (11-7/8" overall length)
32	PGF-16319	4	CLIP
33	PGF-16312	1	* TUBE ASSEMBLY
34	PGF-16313	1	* TUBE ASSEMBLY
35	HCF-1135	1	HOSE ASSEMBLY (36" overall length)
36	PGF-10151-4	1	ADAPTER
37	PGF-10186-7	2	TEE
38	PGF-16315	1	* TUBE ASSEMBLY
39	PGF-16314	1	* TUBE ASSEMBLY
40	PGF-16317	1	HOSE ASSEMBLY (44-1/2" overall length)
41	PGF-10143-7	2	COUPLING
42	PGF-16259	1	CONNECTOR PLATE, swivel body
43	PGF-12287-4	2	SWIVEL ELBOW - 45°
44	HCF-1568-6	1	UNION, adapter
45	PGF-16304	2	CLIP
46	PGF-16320	1	* TUBE ASSEMBLY
47	PGF-16293	2	HOSE ASSEMBLY (79-1/4" overall length)
48	PGF-16300	2	CLIP
49	PGF-12291-3	1	ELBOW, street
50	PG-2458	1	BODY, swivel junction valve
51	PGF-16258	1	PLUG, swivel valve
52	PGF-10893	1	FITTING
53	PGF-16321	1	* TUBE ASSEMBLY
54	PGF-16298	1	CLIP
55	PGF-16302	1	* TUBE ASSEMBLY
56	PGF-10144-7	2	ELBOW
57	PGF-16288	1	** TUBE ASSEMBLY

Note: *Includes two PGF-9496-7 sleeves and two PGF-9497-7 nuts.
** Includes two PGF-9496-3 sleeves and two PGF-9497-3 nuts.
*** Includes two PGF-9496-8 sleeves, one PGF-9496-10 sleeve, one PGF-9497-10 nut and one PGF-9497-8 nut.
**** Includes two PGF-9496-8 sleeves and two PGF-9497-8 nuts.
% Indicates parts not sold separately. Order Ref. No. 1 - PGU-1800, Body with valve, from your nearest Austin-Western Distributor.



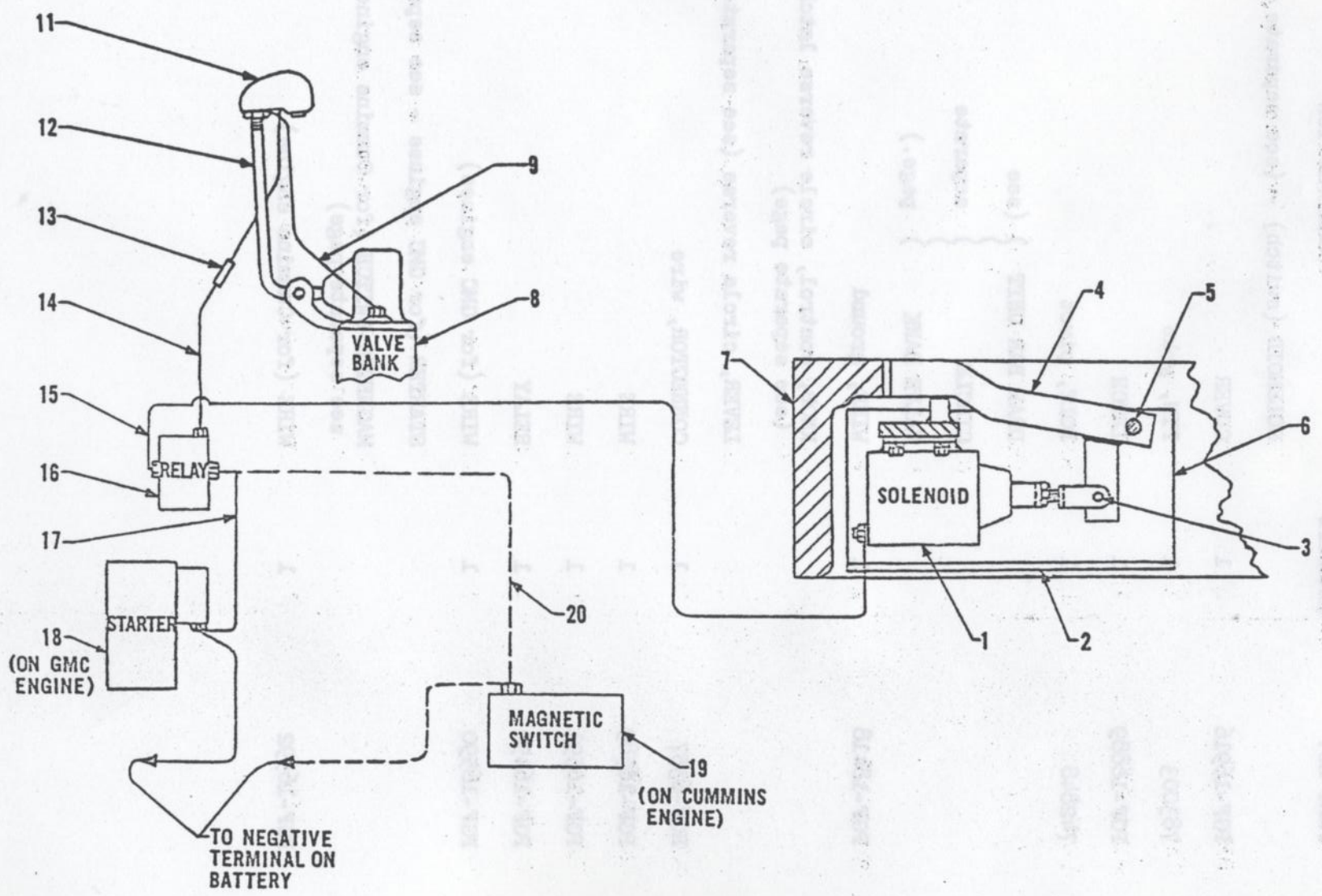
(For Part Numbers, See next page)

CIRCLE REVERSE HYDRAULIC MOTOR

CIRCLE REVERSE HYDRAULIC MOTOR
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2825	1	HYDRAULIC MOTOR ASSEMBLY (R and L) less hub and pinion
1	PGU-9684	1	CYLINDER, VALVE AND PISTON ASSEMBLY, right hand (piston rod has forked end)
2	PGU-9685	1	CYLINDER, VALVE AND PISTON ASSEMBLY, left hand (piston rod has single bushed end)
3	PGUS-9232	2	CYLINDER AND VALVE BODY (R and L) with valve and bushings (includes Ref. Nos. 4, 4A, 21, 21A, and 22)
3A	HCF-2159	6	PLUG, valve body
3B	PGF-18433	1	PLUG, air hole
4		2	* PLUG, valve (movable)
4A	PGF-8902	4	BUSHING, body
6	PGF-9249	1	CAM LEVER, right hand, valve control
7	PGF-9250	1	CAM LEVER, left hand, valve control
8	PGU-1669	1	PISTON ROD WITH BUSHING (includes Ref. No. 9)
9	PGF-8909	1	BUSHING, rod
10	PGF-9761	1	ROD, piston
11	734011	2	NUT, slotted
12	PGF-16868	2	PISTON
13	PGF-13061-5	2	"O" RING
14	PGF-9648-69	2	"O" RING
15	PG-2502	2	CAP, cylinder
16	PGF-9769	8	STUD
18	PGF-7022	2	FELT
19	PGF-7026	2	WIPER
21	PGF-13259	2	PLUG (also order one of Ref. No. 22)
21A	PGF-13258	2	PLUG (also order one of Ref. No. 22)
22	PGF-9648-40	4	"O" RING
23	HCF-2142	2	SPRING, valve
24	PGF-8938	2	LEVER, valve actuating
25	PGF-8252	2	SCREW, adjusting
26	PGF-9648-22	2	"O" RING
26A	PGF-13591	2	SLEEVE, "O" ring
27	PGF-9648-21	2	"O" RING
27A	PGF-13590	2	SLEEVE, "O" ring
28	PGF-9619	2	PIN, cam
29	PGF-8731	2	WASHER, cam pin
30	PGF-8728	2	ROLLER, cam pin
31	PGF-8896	2	PIN, pivot
32	PGF-7414	2	CAPSCREW
33	PGF-8243	1	WASHER, pinion retainer
34	PGU-1668	1	BUSHING GROUP
35	PG-2499	1	PINION
36	PG-2635	1	HUB, pinion support, circle front
37	PGF-8908	2	BUSHING, support hub
38	PGF-8903	1	WASHER, pinion retainer
39			CIRCLE (see separate page)
40	758058	2	SETSCREW, dog point
41	PGF-8248	As req'd	SHIM, ram base
42	PGF-9648-27	2	"O" RING
43	PGF-4515	2	RING, snap
44	PGF-13171	2	WASHER

Note: * Movable valve plug not sold separately. Order Ref. No. 3.

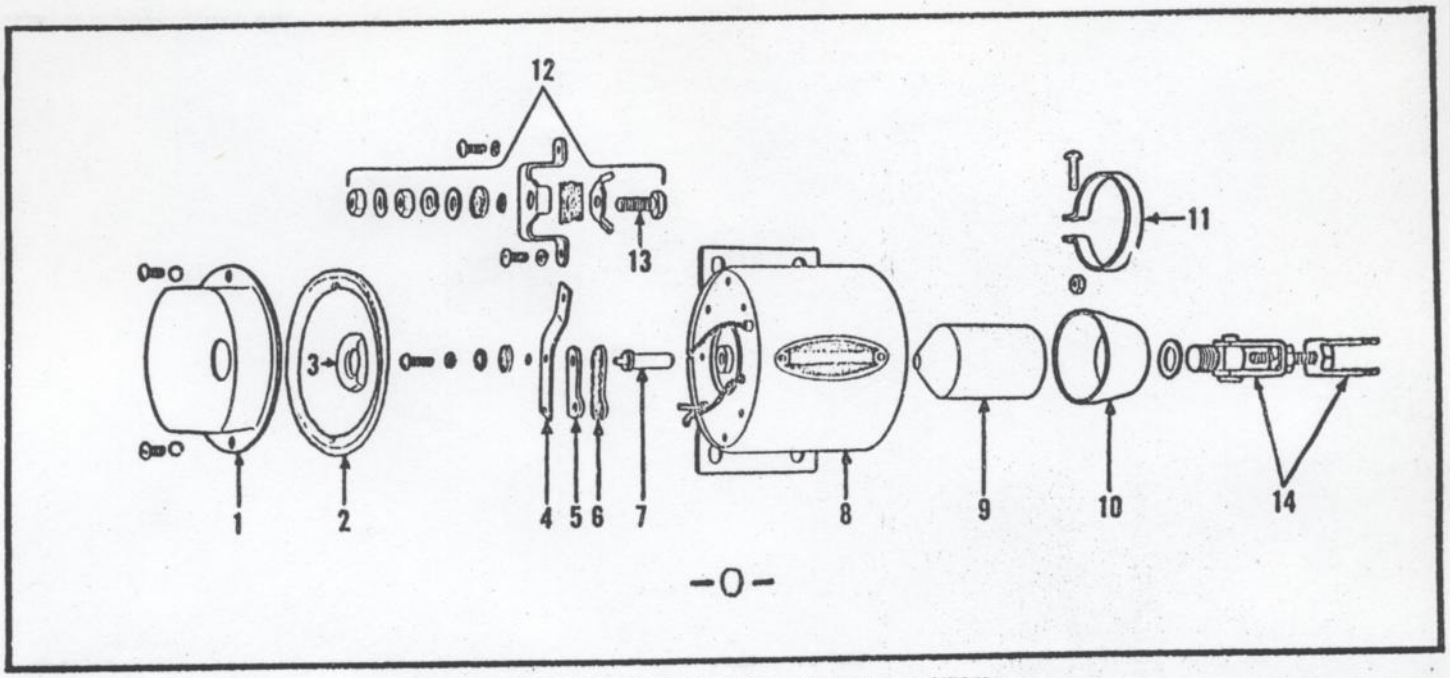


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CIRCLE LATCH MECHANISM (SOLENOID TYPE)

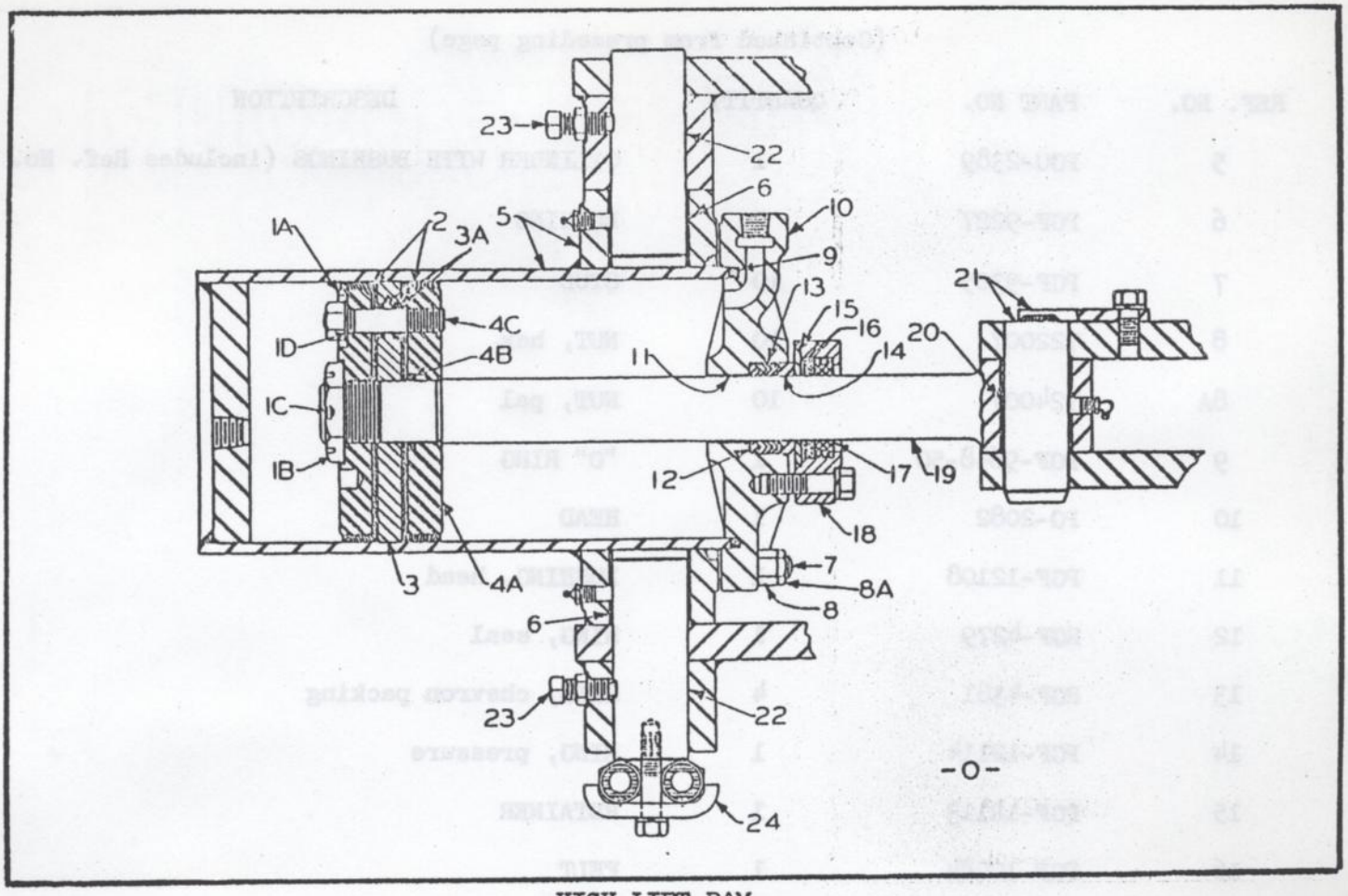
CIRCLE LATCH MECHANISM (SOLENOID TYPE)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			SOLENOID (switch) - (see separate page)
2	PGF-16916	1	COVER
3	783003	1	PIN, yoke
4	PGF-16889	1	LATCH
5	742848	1	BOLT, pivot
6			DRAW BAR UNIT) (see
7			CIRCLE) separate
8			VALVE BANK) page.)
9	PGF-18418	1	WIRE, ground
11			KNOB, control, circle reverse latch (see separate page)
12			LEVER, circle reverse (see separate page)
13	HCF-6357	1	CONNECTOR, wire
14	PGF-16589	1	WIRE
15	PGF-16591	1	WIRE
16	PGF-16452	1	RELAY
17	PGF-16590	1	WIRE (for GMC engines)
18			STARTER (for GMC engines - see separate page)
19			MAGNETIC SWITCH (for Cummins engine - see separate page)
20	PGF-16592	1	WIRE (for Cummins engine)



SOLENOID SWITCH FOR CIRCLE LATCH

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	HCF-6050	1	SOLENOID (switch), complete
1	432269	1	COVER
2	432270	1	GASKET
3	432271	1	GASKET
4	432272	1	SPRING, contact
5	432273	1	CONTACT AND SUPPORT
6	432274	1	INSULATOR, contact
7	432275	1	PUSH ROD
8		1	CASE AND COIL (order Ref. 0)
9	432276	1	PLUNGER
10	432277	1	BOOT, plunger
11	432278	1	CLAMP, boot
12	432279	1	BRACKET ASSEMBLY, terminal
13	432280	1	STUD, terminal
14	432281	1	LINK AND SCREW ASSEMBLY



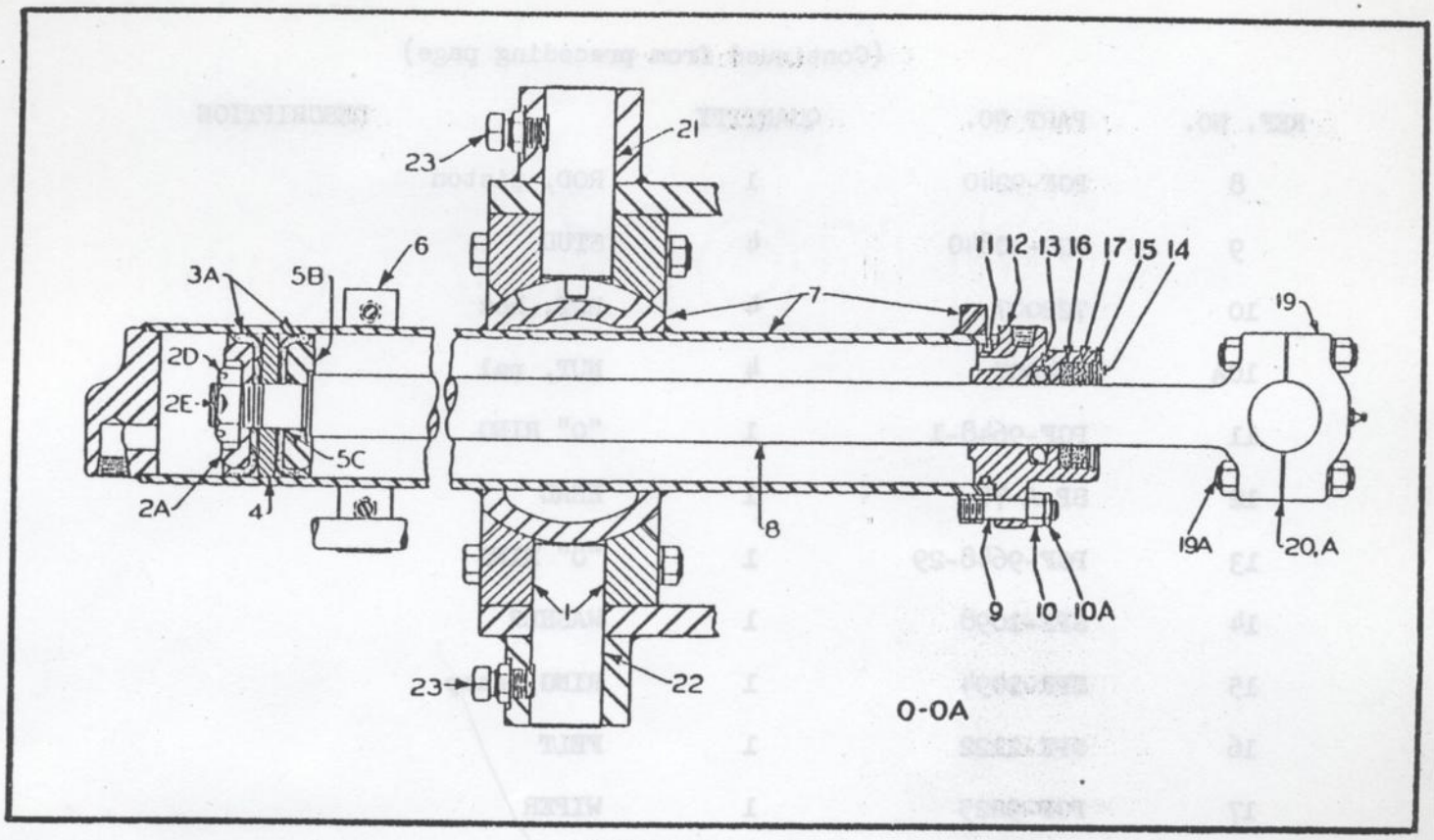
HIGH LIFT RAM

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2386	1	HIGH LIFT RAM GROUP (includes Ref. Nos. 1A to 20 inclusive)
1A	PGF-11818	1	SPREADER, outer
1B	PGF-11820	1	NUT, slotted
1C	166041	1	PIN, cotter
1D	770015	4	WASHER, lock, internal teeth
2	PGF-11754	2	CUP
3	PG-A-1909	1	PISTON (also order Ref. 3A)
3A	PGF-9648-25	8	"O" RING
4A	PGP-11802	1	INNER SPREADER WITH STUDS AND NUTS (includes Ref. No. 4C)
4B	PGF-9648-8	1	"O" RING
4C	PGF-10486	4	STUD

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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
5	PGU-2389	1	CYLINDER WITH BUSHINGS (includes Ref. No. 6)
6	PGF-9227	2	BUSHING
7	PGF-9305	10	STUD
8	722007	10	NUT, hex
8A	724007	10	NUT, pal
9	PGF-9648-50	1	"O" RING
10	PG-2082	1	HEAD
11	PGF-12108	1	BUSHING, head
12	RGF-4279	1	RING, seal
13	RGF-4381	4	RING, chevron packing
14	PGF-12114	1	RING, pressure
15	PGF-12113	1	RETAINER
16	PGF-10084	1	FELT
17	PGF-1727	1	WIPER
18	PG-2081	1	CAP
19	PGF-14938	1	ROD, piston
20	PGF-9232	1	BUSHING
21	PGF-15059	1	PIN, rod
22	PGF-9224	2	PIN, pivot
23	758094	2	SETSCREW - dog point
24	PGF-9530	1	CLAMP, hose



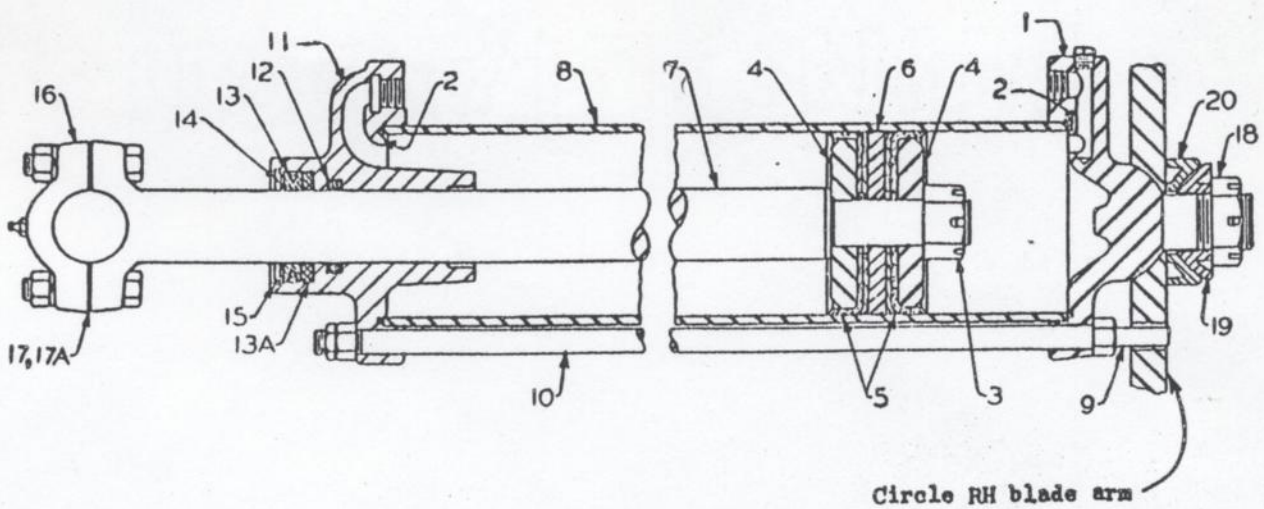
BLADE LIFT RAM

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-1958-D	1	BLADE LIFT RAM GROUP - RIGHT HAND (includes Ref. Nos. 1 to 20A inclusive except Ref. 6)
0A	PGU-1959-D	1	BLADE LIFT RAM GROUP - LEFT HAND (includes Ref. Nos. 1 to 20A inclusive except Ref. 6)
1	PGF-17256	1	BALL SOCKET - 2 halves
2A	PGF-10804	1	SPREADER, outer
2D	PGF-11546	1	NUT, slotted
2E	166038	1	PIN, cotter
3A	PGF-11753	2	CUP
4	PG-A-320	1	PISTON
5B	PGF-11801	1	SPREADER, inner
5C	PGF-9648-16	1	"O" RING
6	PGF-9521	1	CLAMP, hose
7	PGF-16924	1	CYLINDER

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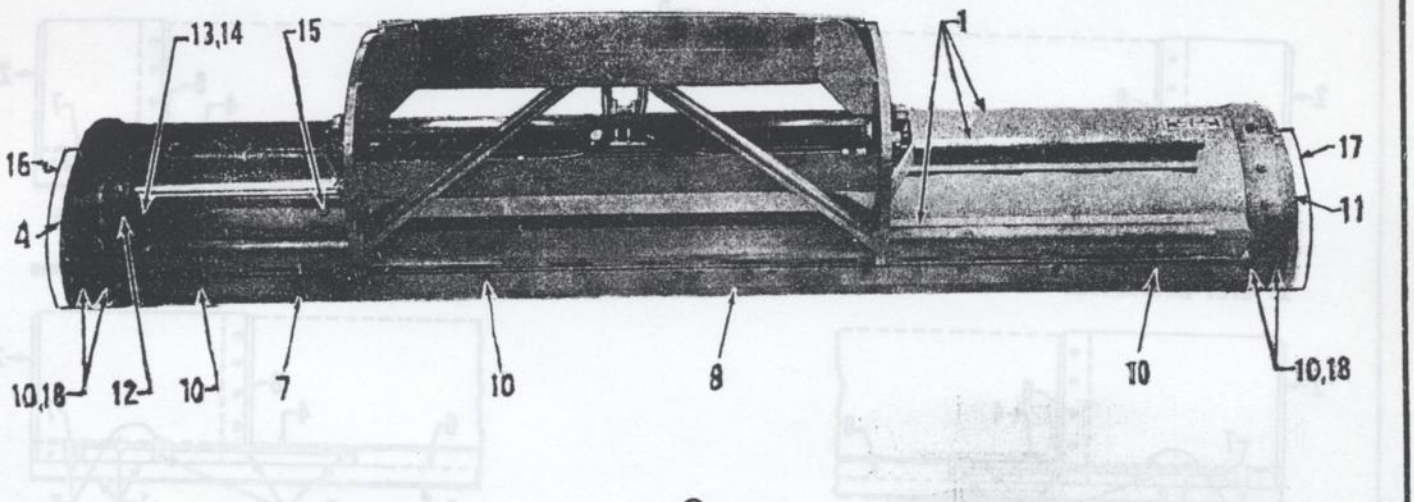
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
8	PGF-9240	1	ROD, piston
9	PGF-10840	4	STUD
10	722007	4	NUT, hex
10A	724007	4	NUT, pal
11	PGF-9648-1	1	"O" RING
12	SP-A-76	1	HEAD
13	PGF-9648-29	1	"O" RING
14	SPF-1098	1	WASHER
15	SPF-1094	1	RING, snap
16	SPF-1122	1	FELT
17	PGF-9225	1	WIPER
19	PGF-9487	1	CAP, ball
19A	PGF-10231	2	STUD, ball cap
20	MGF-1992	4	SHIM, ball cap (.024)
20A	PGF-11856	4	SHIM, ball cap (.010)
21	PGF-9245	1	PIN, pivot - long
22	PGF-9246	1	PIN, pivot - short
23	755148	2	SETSCREW, cup point



-0-

BLADE SIDE SHIFT RAM

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2909	1	BLADE SIDE SHIFT RAM GROUP
1	PGF-16915	1	BASE
2	PGF-9648-76	2	"O" RING
3	734013	1	NUT, slotted
4	PGF-3255	2	SPREADER
5	PGF-11776	2	CUP
6	PG-A-862	1	PISTON
7	PGF-19057	1	ROD, piston
8	PGF-10500	1	CYLINDER
9	PGF-10499	1	ROD, tie
10	PGF-10498	4	ROD, tie
11	PG-2501	1	HEAD
12	PGF-9648-30	1	"O" RING
13	PGF-1727	1	WIPER
13A	PGF-10084	1	FELT
14	RGF-1293	1	WASHER
15	PGF-9420	1	RING, snap
16	PGF-19042	1	CAP, ball
17	MGF-1992	6	SHIM, ball cap (.024)
17A	PGF-11856	4	SHIM, ball cap (.010)
18	PGF-3209	1	NUT, ball plate
19	PG-890	1	PLATE, ball
20	PG-889	1	SOCKET, ball



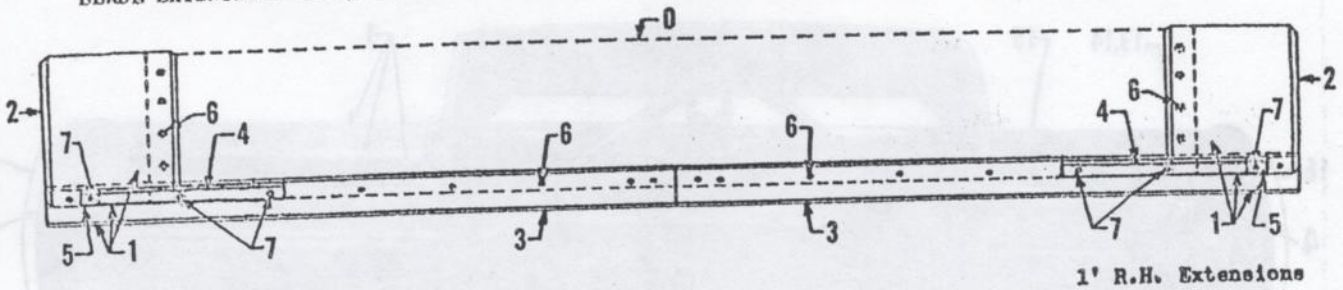
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12' BLADE AND PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2917	1	BLADE GROUP WITH BITS (includes Ref. Nos. 1, 4 and 7 to 15 inclusive)
1	PGF-18173	1	BLADE GROUP LESS BITS
4	PGF-17500	1	END BIT, left hand
7	RGF-2780-98	1	BIT OR CUTTING EDGE (L.H.) 5/8" x 6" x 6'
8	RGF-2780-99	1	BIT OR CUTTING EDGE (R.H.) 5/8" x 6" x 6'
10	RGF-6462	24	BOLT, bit
11	PGF-17499	1	END BIT - right hand
12	PGF-17540	1	SUPPORT, side shift ball
13	RGF-6478	4	BOLT, ball support
14	721009	4	NUT, ball support bolt
15	708824	4	PLUG BOLT, moldboard
16	PGF-15807	1	OVERLAID END BIT (L.H.) (special order)
17	PGF-15806	1	OVERLAID END BIT (R.H.) (special order)
18	RGF-6465	10	BOLT, overlaid bit

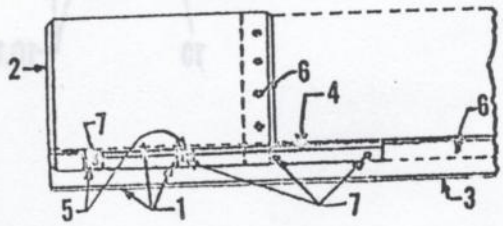
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BLADE EXTENSIONS are provided to enlarge the usefulness of your machine for LIGHT WORK ONLY.

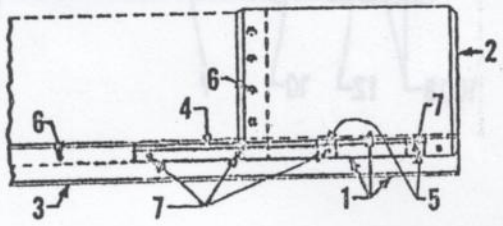


1' L.H. Extensions

1' R.H. Extensions



2' L.H. Extensions

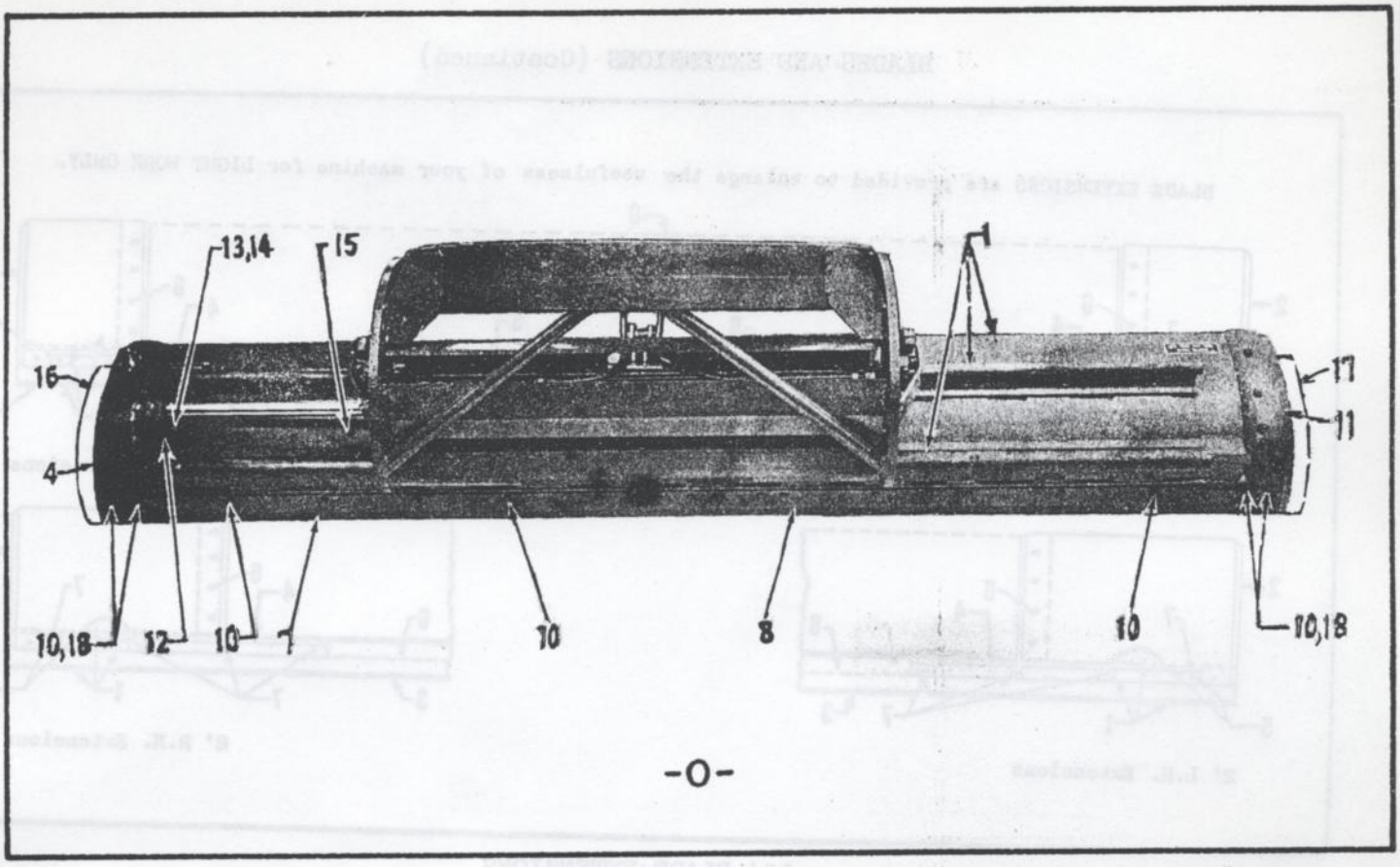


2' R.H. Extensions

12' BLADE EXTENSIONS

REF.	DESCRIPTION	QTY.	1' LH EXT.	2' LH EXT.	1' RH EXT.	2' RH EXT.
0	Blade	1				
1	Extension group	1	PGU-2923	PGU-2926	PGU-2921	PGU-2924
2	Extension only	1	PGF-17517	PGF-17524	PGF-17518	PGF-17525
3	Bit	1	* RGF-2764-98	% RGF-2778-98	* RGF-2764-99	% RGF-2778-99
4	Stiffener	1	PGF-17799	PGF-17800	PGF-17799	PGF-17800
5	Stiffener shim	1	PGF-17484		PGF-17484	
5	Stiffener shim	2		PGF-17484		PGF-17484
6	Plow bolt	10	RGF-6462		RGF-6462	
6	Plow bolt	11		RGF-6462		RGF-6462
7	Plow bolt	3	RGF-6464		RGF-6464	
7	Plow bolt	4		RGF-6464		RGF-6464

Note: * Indicates 5/8" x 6" x 7' bit or cutting edge.
% Indicates 5/8" x 6" x 8' bit or cutting edge.
Blade bit or cutting edges are always shipped less the necessary bolts and nuts for installation unless otherwise specified.



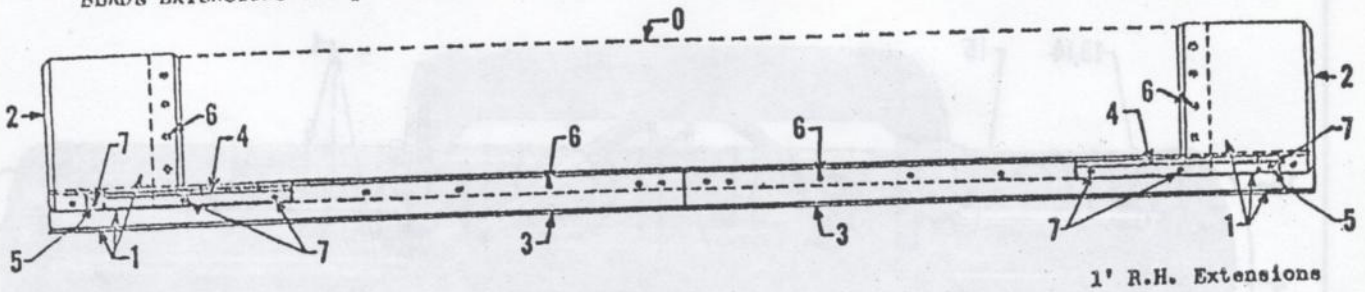
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13' BLADE AND PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2916	1	BLADE GROUP WITH BITS (includes Ref. Nos. 1, 4 and 7 to 15 inclusive)
1	PGF-18168	1	BLADE GROUP LESS BITS
4	PGF-17500	1	END BIT - left hand
7	RGF-2764-98	1	BIT OR CUTTING EDGE (L.H.) 5/8" x 6" x 7'
8	RGF-2780-99	1	BIT OR CUTTING EDGE (R.H.) 5/8" x 6" x 6'
10	RGF-6462	25	BOLT, bit
11	PGF-17499	1	END BIT - right hand
12	PGF-17540	1	SUPPORT, side shift ball
13	RGF-6478	4	BOLT, ball support
14	721009	4	NUT, ball support bolt
15	708824	4	PLUG BOLT, moldboard
16	PGF-15807	1	OVERLAID END BIT (L.H.) (special order)
17	PGF-15806	1	OVERLAID END BIT (R.H.) (special order)
18	RGF-6465	10	BOLT, overlaid bit

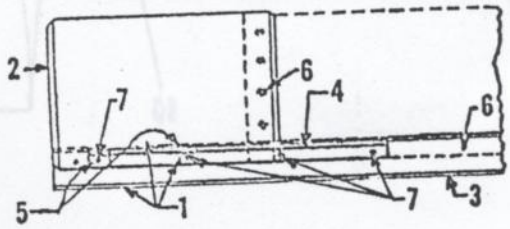
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BLADE EXTENSIONS are provided to enlarge the usefulness of your machine for LIGHT WORK ONLY.

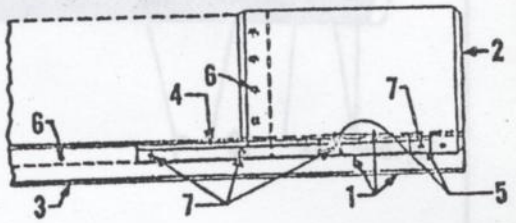


1' L.H. Extensions

1' R.H. Extensions



2' L.H. Extensions

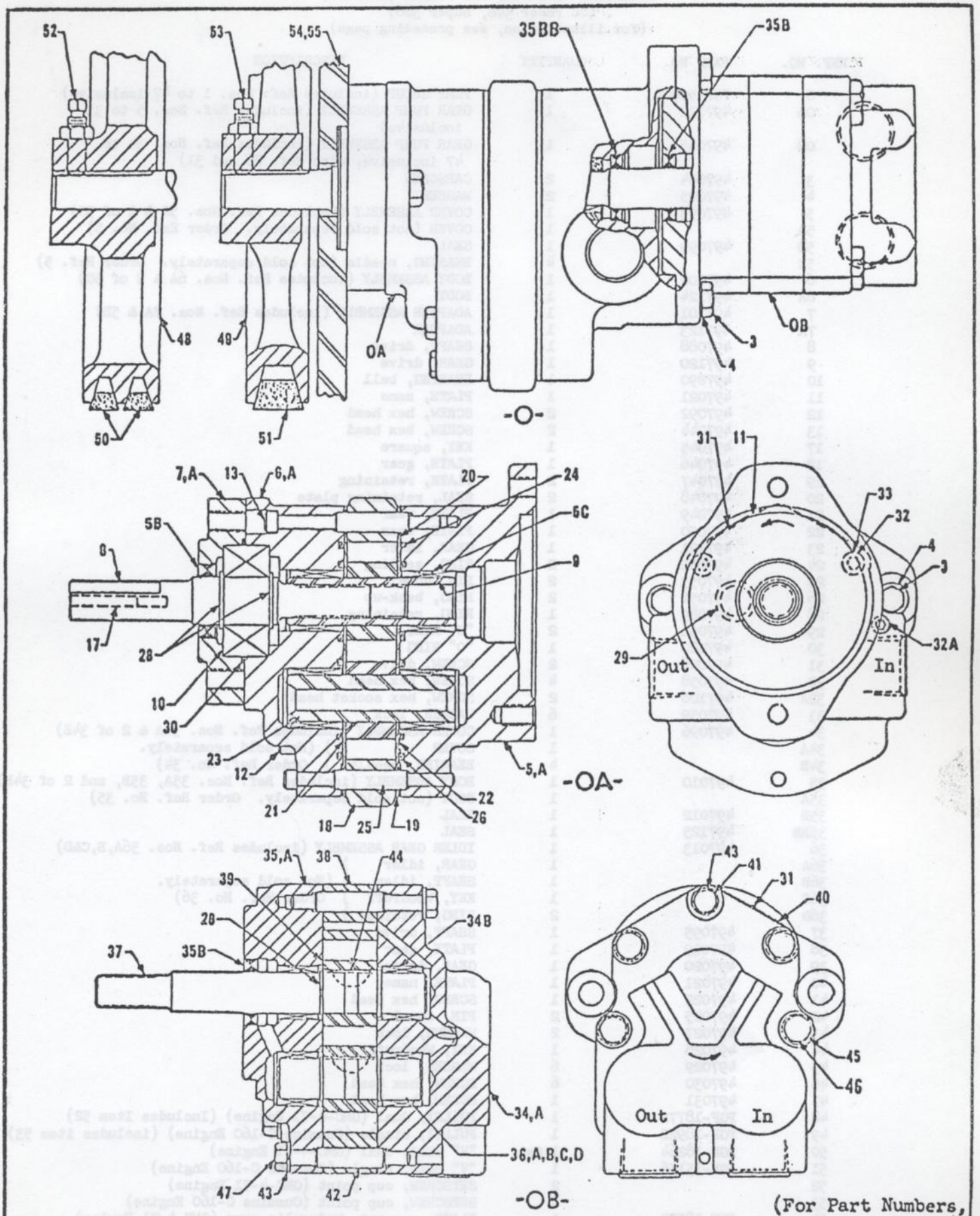


2' R.H. Extensions

13' BLADE EXTENSIONS

REF.	DESCRIPTION	QTY.	1' LH EXT.	2' LH EXT.	1' RH EXT.	2' RH EXT.
0	Blade	1				
1	Extension group	1	PGU-2922	PGU-2925	PGU-2921	PGU-2924
2	Extension only	1	PGF-17517	PGF-17524	PGF-17518	PGF-17525
3	Bit	1	% RGF-2778-98	@ RGF-2776-98	* RGF-2764-99	% RGF-2778-99
4	Stiffener	1	PGF-17799	PGF-17800	PGF-17799	PGF-17800
5	Stiffener shim	1	PGF-17484	PGF-17484	PGF-17484	PGF-17484
5	Stiffener shim	2				RGF-6462
6	Plow bolt	11	RGF-6462	RGF-6462	RGF-6462	
6	Plow bolt	12				
6	Plow bolt	10		RGF-6464		RGF-6464
7	Plow bolt	4			RGF-6464	
7	Plow bolt	3	RGF-6464			

Note: * Indicates 5/8" x 6" x 7' bit or cutting edge.
% Indicates 5/8" x 6" x 8' bit or cutting edge.
@ Indicates 5/8" x 6" x 9' bit or cutting edge.
Blade bit or cutting edges are always shipped less the necessary bolts and nuts for installation unless otherwise specified.

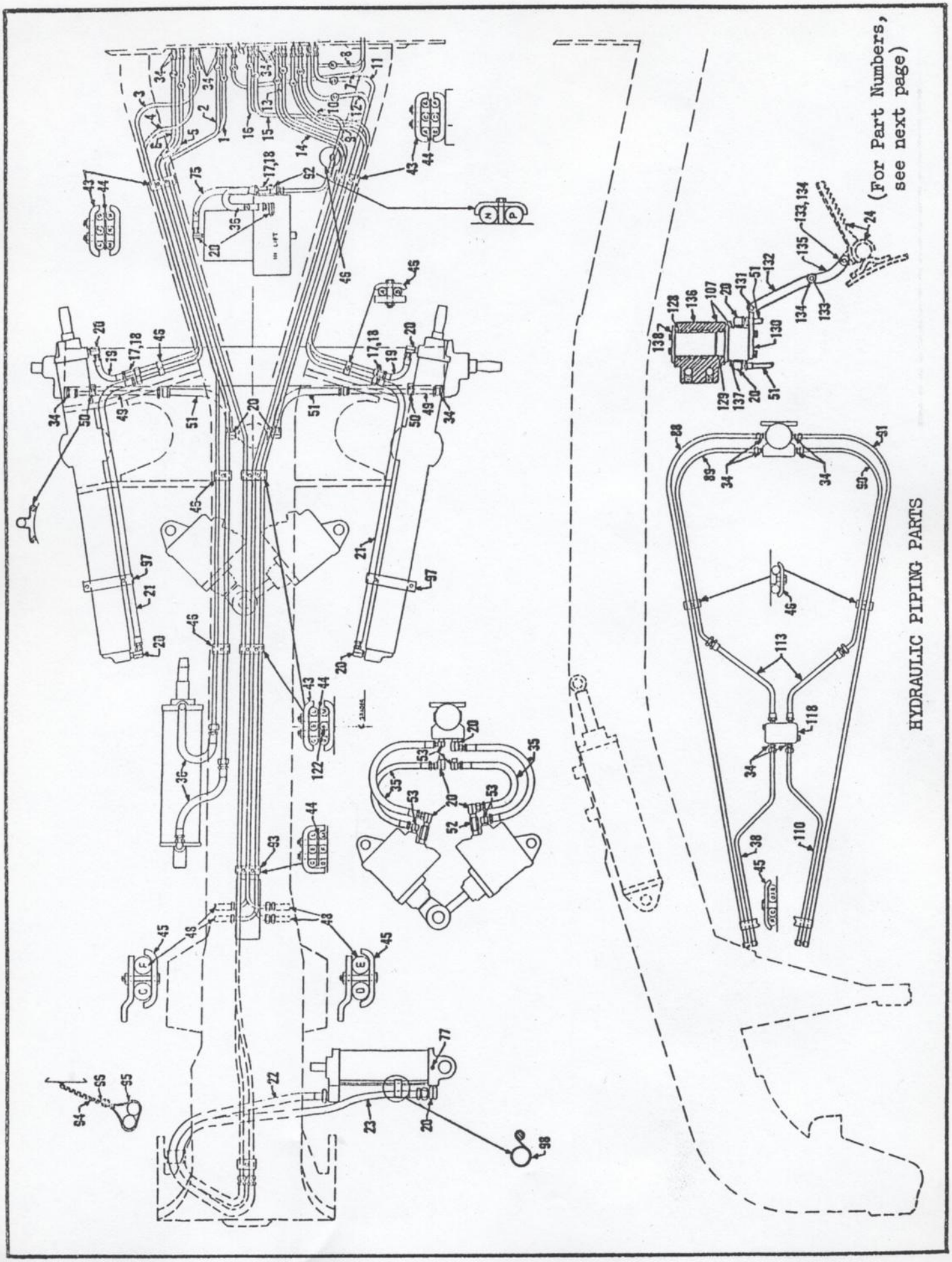


HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 346 - Super 366)

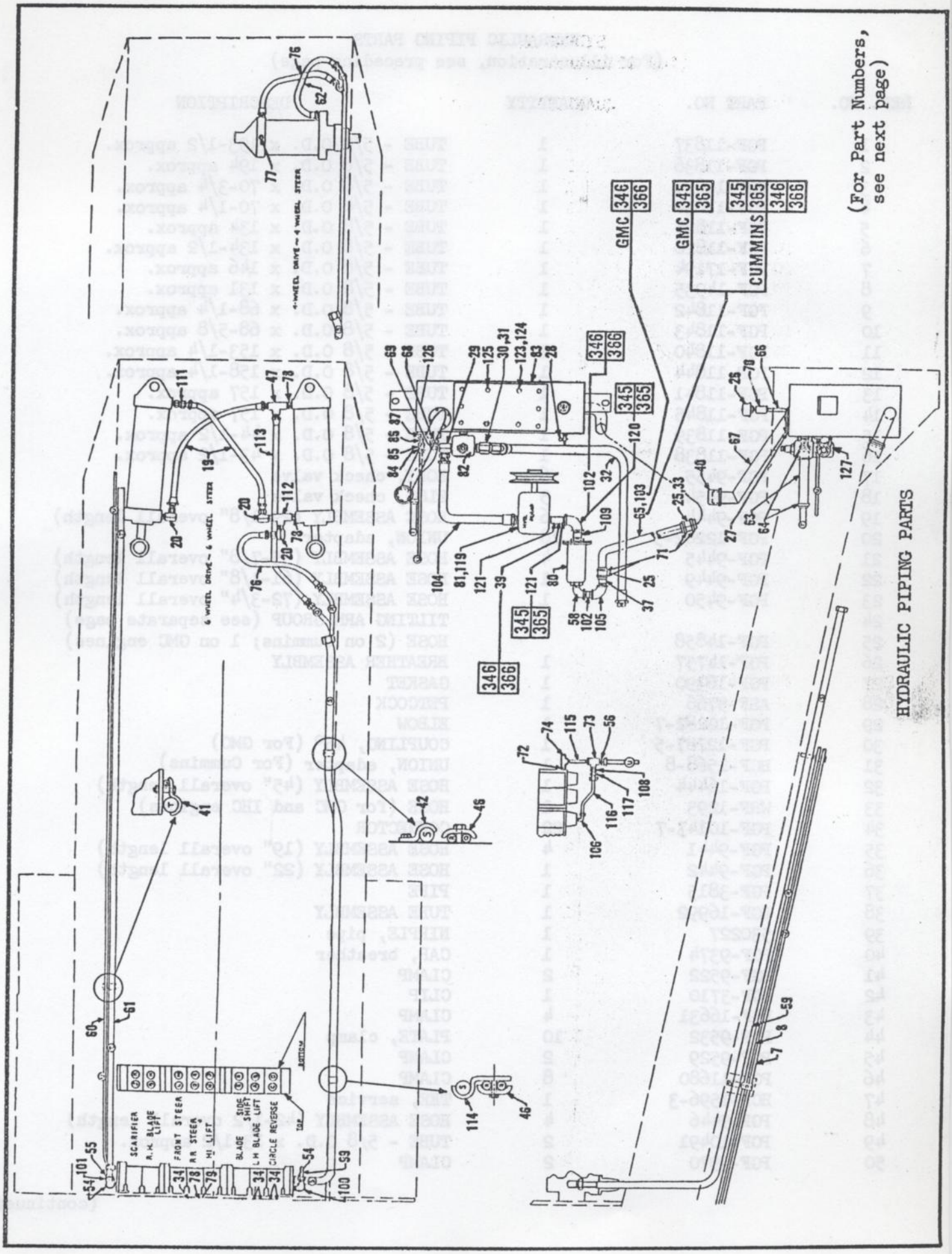
(For Part Numbers, see next page)

HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 346, Super 366)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17909	1	PUMP GROUP (includes Ref. Nos. 1 to 47 inclusive)
0A	497122	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 5 to 33 inclusive)
0B	497085	1	GEAR PUMP ASSEMBLY (Includes Ref. Nos. 34 to 47 inclusive, also Ref. 28 and 31)
3	497004	2	CAPSCREW
4	497005	2	WASHER
5	497093	1	COVER ASSEMBLY (Includes Ref. Nos. 5A & 2 of 5C)
5A		1	COVER (not sold separately. Order Ref. No. 5)
5B	497099	1	SEAL
5C		4	BEARING, needle (not sold separately. Order Ref. 5)
6	497100	1	BODY ASSEMBLY (includes Ref. Nos. 6A & 2 of 5C)
6A	497124	1	BODY
7	497101	1	ADAPTER ASSEMBLY (includes Ref. Nos. 7A & 5B)
7A	497123	1	ADAPTER
8	497088	1	SHAFT, drive
9	497120	1	GEAR, drive
10	497090	1	BEARING, ball
11	497021	1	PLATE, name
12	497092	2	SCREW, hex head
13	497044	2	SCREW, hex head
17	497045	1	KEY, square
18	497046	1	PLATE, gear
19	497047	2	PLATE, retaining
20	497048	2	SEAL, retaining plate
21	497049	1	PLATE, wear
22	497050	1	PLATE, wear
23	497121	1	GEAR, idler
24	497052	2	RING, sealing
25	497053	2	PIN, dowel
26	497054	2	RING, back-up
28	497089	1	RING, retaining
29	497056	2	"O" RING
30	497080	1	"O" RING
31	497026	2	SCREW, drive
32	497058	4	SCREW, hex head
32A	497106	2	SCREW, hex socket head
33	497059	6	WASHER, lock
34	497096	1	COVER ASSEMBLY (includes Ref. Nos. 34A & 2 of 34B)
34A		1	COVER) (Not sold separately.
34B		4	BEARING, needle) Order Ref. No. 34)
35	497010	1	BODY ASSEMBLY (includes Ref. Nos. 35A, 35B, and 2 of 34B)
35A		1	BODY (not sold separately. Order Ref. No. 35)
35B	497012	1	SEAL
35BB	497125	1	SEAL
36	497013	1	IDLER GEAR ASSEMBLY (includes Ref. Nos. 36A,B,C&D)
36A		1	GEAR, idler)
36B		1	SHAFT, idler) (Not sold separately.
36C		1	KEY, Woodruff) Order Ref. No. 36)
36D		2	RING, retainer)
37	497095	1	SHAFT, drive
38	497019	1	PLATE, gear
39	497020	1	GEAR, drive
40	497021	1	PLATE, name
41	497022	1	SCREW, hex head
42	497025	2	PIN, dowel
43	497027	2	WASHER, lock
44	497028	1	KEY, Woodruff
45	497029	6	WASHER, lock
46	497030	6	SCREW, hex head
47	497031	1	SCREW, hex head
48	PGF-18772	1	PULLEY, dual (GMC-4-71 Engine) (Includes Item 52)
49	PGF-18922	1	PULLEY, single (Cummins C-160 Engine) (includes item 53)
50	PGF-18264	1 Set	"V" BELT, dual (GMC-4-71 Engine)
51	PGF-15156	1	"V" BELT, single (Cummins C-160 Engine)
52		2	SETSCREW, cup point (GMC-4-71 Engine)
53		1	SETSCREW, cup point (Cummins C-160 Engine)
54	PGF-18320	1	PLATE, support, hydraulic pump (GMC-4-71 Engine)
55	PGF-19023	1	PLATE, support, hydraulic pump (Cummins C-160 Engine)
56	PGF-16949	1	SPACER, pump support (Cummins C-160 Engine)-(not shown)



HYDRAULIC PIPING PARTS


HYDRAULIC PIPING PARTS
(For Part Numbers, see next page)
GMC 346 366
GMC 345 365
CUMMINS 345 365 346 366
4-WHEEL DRIVE - 4 WHEEL STEER
6 WHEEL DRIVE - 6 WHEEL STEER
SCARIFIER
R.H. BLADE LIFT
FRONT STEER
RR STEER
HI LIFT
SIDE SHIFT
L.H. BLADE LIFT
CIRCLE REVERSE
RESERVE
TOP

HYDRAULIC PIPING PARTS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-11837	1	TUBE - 5/8 O.D. x 193-1/2 approx.
2	PGF-11836	1	TUBE - 5/8 O.D. x 194 approx.
3	PGF-11835	1	TUBE - 5/8 O.D. x 70-3/4 approx.
4	PGF-11834	1	TUBE - 5/8 O.D. x 70-1/4 approx.
5	PGF-11825	1	TUBE - 5/8 O.D. x 134 approx.
6	PGF-11826	1	TUBE - 5/8 O.D. x 134-1/2 approx.
7	PGF-17194	1	TUBE - 5/8 O.D. x 146 approx.
8	PGF-14935	1	TUBE - 5/8 O.D. x 131 approx.
9	PGF-11842	1	TUBE - 5/8 O.D. x 68-1/4 approx.
10	PGF-11843	1	TUBE - 5/8 O.D. x 68-5/8 approx.
11	PGF-11840	1	TUBE - 5/8 O.D. x 153-1/4 approx.
12	PGF-11844	1	TUBE - 5/8 O.D. x 158-1/4 approx.
13	PGF-11841	1	TUBE - 5/8 O.D. x 157 approx.
14	PGF-11845	1	TUBE - 5/8 O.D. x 157 approx.
15	PGF-11839	1	TUBE - 5/8 O.D. x 44-1/2 approx.
16	PGF-11838	1	TUBE - 5/8 O.D. x 43-1/2 approx.
17	PGF-9455	6	BODY, check valve
18	PGF-9454	5	PLUG, check valve
19	PGF-9444	6	HOSE ASSEMBLY (29-1/8" overall length)
20	PGF-12282-5	18	UNION, adapter
21	PGF-9445	4	HOSE ASSEMBLY (35-7/8" overall length)
22	PGF-9449	1	HOSE ASSEMBLY (61-1/8" overall length)
23	PGF-9450	1	HOSE ASSEMBLY (72-3/4" overall length)
24			TILTING ARM GROUP (see separate page)
25	PGF-14858		HOSE (2 on Cummins; 1 on GMC engines)
26	PGF-14757	1	BREATHER ASSEMBLY
27	PGF-16390	1	GASKET
28	ASF-5766	1	PETCOCK
29	PGF-12282-7	1	ELBOW
30	PGF-12287-5	1	COUPLING, 45° (For GMC)
31	HCF-1568-8	1	UNION, adapter (For Cummins)
32	PGF-16444	1	HOSE ASSEMBLY (45" overall length)
33	WRF-1293	1	HOSE (for GMC and IHC engines)
34	PGF-10143-7	22	CONNECTOR
35	PGF-9441	4	HOSE ASSEMBLY (19" overall length)
36	PGF-9442	1	HOSE ASSEMBLY (22" overall length)
37	PGF-3815	1	PIPE
38	PGF-16992	1	TUBE ASSEMBLY
39	530227	1	NIPPLE, pipe
40	PGF-9374	1	CAP, breather
41	PGF-9522	2	CLAMP
42	PGF-3710	1	CLIP
43	PGF-16631	4	CLAMP
44	PGF-9532	10	PLATE, clamp
45	PGF-9529	2	CLAMP
46	PGF-11680	8	CLAMP
47	HCF-1596-3	1	TEE, service
48	PGF-9446	4	HOSE ASSEMBLY (42-1/2 overall length)
49	PGF-10491	2	TUBE - 5/8 O.D. x 13-1/2 approx.
50	PGF-9970	2	CLAMP

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
51	PGF-10490	2	HOSE ASSEMBLY (31-3/8 overall length)
52	PGF-10893	2	FITTING
53	PGF-10104-4	4	ELBOW
54	PGF-10144-8	2	ELBOW
55	PGF-10161-8	1	ELBOW, 90°
56	PGF-10143-5	1	FITTING
58	563006	1	ELBOW
59	PGF-17195	1	TUBE ASSEMBLY
60	PGF-15620	1	TUBE - 3/8 O.D. x 113-3/4 approx.
61	PGF-19063	1	TUBE - 3/4 O.D. x 10-5/8 approx.
62	BRF-2293	1	HOSE ASSEMBLY (18-7/16 overall length)
63	PGF-16442	1	HOSE
64	034012	2	CLAMP
65	PGF-16184	1	TUBE (for GMC and Cummins engines)
66	532102	1	CLAMP
67	PGF-18727	1	SCREEN ASSEMBLY
68	526010	1	BUSHING, reducing
69	533143	1	NIPPLE
70	525003	1	BUSHING, reducing
71	034014	4	CLAMP
72	977001	1	TEE, service
73	537002	1	TEE
74	810001	1	PLUG, tee
75	PGF-14942	1	HOSE ASSEMBLY (21 overall length)
76	BRF-2299	1	HOSE ASSEMBLY (23-5/8 overall length)
77	812003	2	PLUG, pipe
78	530139	2	NIPPLE
79	PGF-10145-7	1	ELBOW
80	PGF-18770	1	FILTER
81		1	HYDRAULIC PUMP (see separate page)
82	PGF-18587	1	RELIEF VALVE (see separate page)
83	PGF-16383	1	TANK ASSEMBLY (includes Ref. Nos. 83A,B,C&D)
83A	PGF-14530	1	COVER, tank
83B	PGF-14529	1	GASKET, tank cover
83C	PGF-16390	1	GASKET, screen assembly
83D	PGF-16384-27	14	STUD
84	034105	2	CLAMP
85	PGF-12412	1	HOSE
86	533004	1	NIPPLE
87	526001	1	REDUCER
88	PGF-14352	1	TUBE - 5/8 O.D. x 105-1/2 approx.
89	PGF-16989	1	TUBE - 5/8 O.D. x 43-1/2 approx.
90	PGF-16990	1	TUBE - 5/8 O.D. x 44 approx.
91	PGF-14354	1	TUBE - 5/8 O.D. x 110-1/2 approx.
92	PGF-9530	1	CLAMP
93	PGF-9531	1	CLAMP
94	PGF-268	1	SPRING
95	PGF-7487	1	STRAP ASSEMBLY
96	PGF-13009	1	LINK, strap
97	PGF-9521	2	CLAMP

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
98	PGF-10532	1	CLAMP
99	PGF-11054	1	TUBE - 3/8 O.D. x 7-3/8 approx.
100	PGF-10144-5	2	ELBOW
101	PGF-19062	1	TUBE
102	532227	1	NIPPLE
103	PGF-17299	1	TUBE
104	PGF-16443	1	HOSE, pump relief valve (18" overall length)
105	523067	1	ELBOW, 90°
106	PGF-10144-3	1	ELBOW
107	PGP-1813	1	SWIVEL JUNCTION GROUP (includes Ref. Nos. 136 and 137)
108	534001	1	BUSHING
109	532240	1	NIPPLE, pipe
110	PGF-16991	1	TUBE ASSEMBLY
111	HCF-1568-6	1	UNION, adapter
112	PGF-12290-2	1	COUPLING
113	PGF-10517	3	HYDRAULIC HOSE (11-7/8" overall length)
114	PGF-15403	1	CLAMP
115	555061	1	NIPPLE, pipe
116	PGF-15619	1	TUBE
117	PGF-10143-3	1	CONNECTOR
118	HCF-6059	1	VALVE, cushion
119			HYDRAULIC PUMP (see separate page)
120	522006	2	ELBOW, 90°
121	532232	1	NIPPLE
122	PGF-10216	10	STUD
123	PGF-14530	1	COVER
124	PGF-14529	1	GASKET
125	733001	14	NUT
126	564005	1	ELBOW, 45°
127	PGF-12292-4	1	TEE, service
128	PGF-9648-2	1	"O" RING, swivel valve
129	PGF-9648-6	1	"O" RING, swivel valve
130	PGF-9413	1	PLATE, connection
131	PGF-9414	1	PIN, connection plate
132	PGF-9751	1	LINK
133	PGF-13175	4	PIN
134	PGF-5930	2	WASHER
135	PGF-10503	1	CONNECTOR
136			& BLOCK, junction swivel valve
137		1	& PLUG, junction swivel valve
138	PGF-8989	1	WASHER, swivel valve

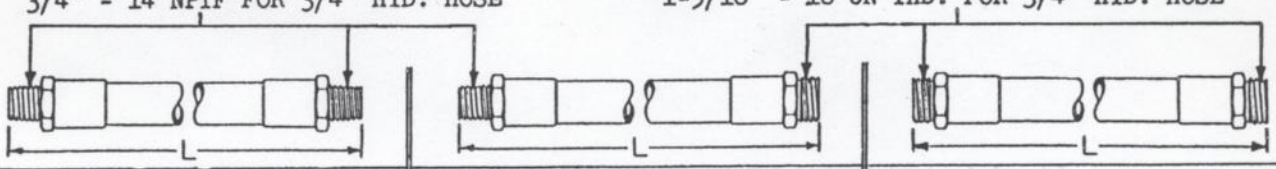
Note: & Indicates parts not sold separately. Order Ref. No. 107 - PGP-1813 swivel junction group from your nearest Austin-Western Distributor.

FACTORY ATTACHED CONNECTIONS

Note: In ordering hose always be governed by the overall length. See (L)

1/2" - 14 NPTF FOR 1/2" HYD. HOSE
3/4" - 14 NPTF FOR 3/4" HYD. HOSE

15/16" - 16 UN THD. FOR 1/2" HYD. HOSE
1-5/16" - 16 UN THD. FOR 3/4" HYD. HOSE



1/2" I.D. HYD. HOSE		1/2" I.D. HYD. HOSE		1/2" I.D. HYD. HOSE	
Length (L)	Part No.	Length (L)	Part No.	Length (L)	Part No.
10-3/4"	PGF-16309	11-7/8"	PGF-10517	42-1/2"	PGF-9446
19"	PGF-9441	18-7/16"	BRF-2293	79-1/4"	PGF-16293
21"	PGF-14942	22"	PGF-9442		
29-1/8"	PGF-9444	23-5/8"	BRF-2299		
36"	HCF-1135	31-3/8"	PGF-10490		
41-1/2"	PGF-13760	35-7/8"	PGF-9445		
44-1/2"	PGF-16317	61-1/8"	PGF-9449		
45-3/8"	PGF-10772	72-3/4"	PGF-9450		
3/4" I.D. HYD. HOSE		**3/4" I.D. HYD. HOSE**		**3/4" I.D. HYD. HOSE**	
18"	PGF-16443	45"	PGF-16444		
23"	PGF-16351				
27-1/2"	PGF-16357				
36"	PGF-16356				
42-1/2	PGF-16354				
58"	PGF-16641				
60"	PGF-16640				

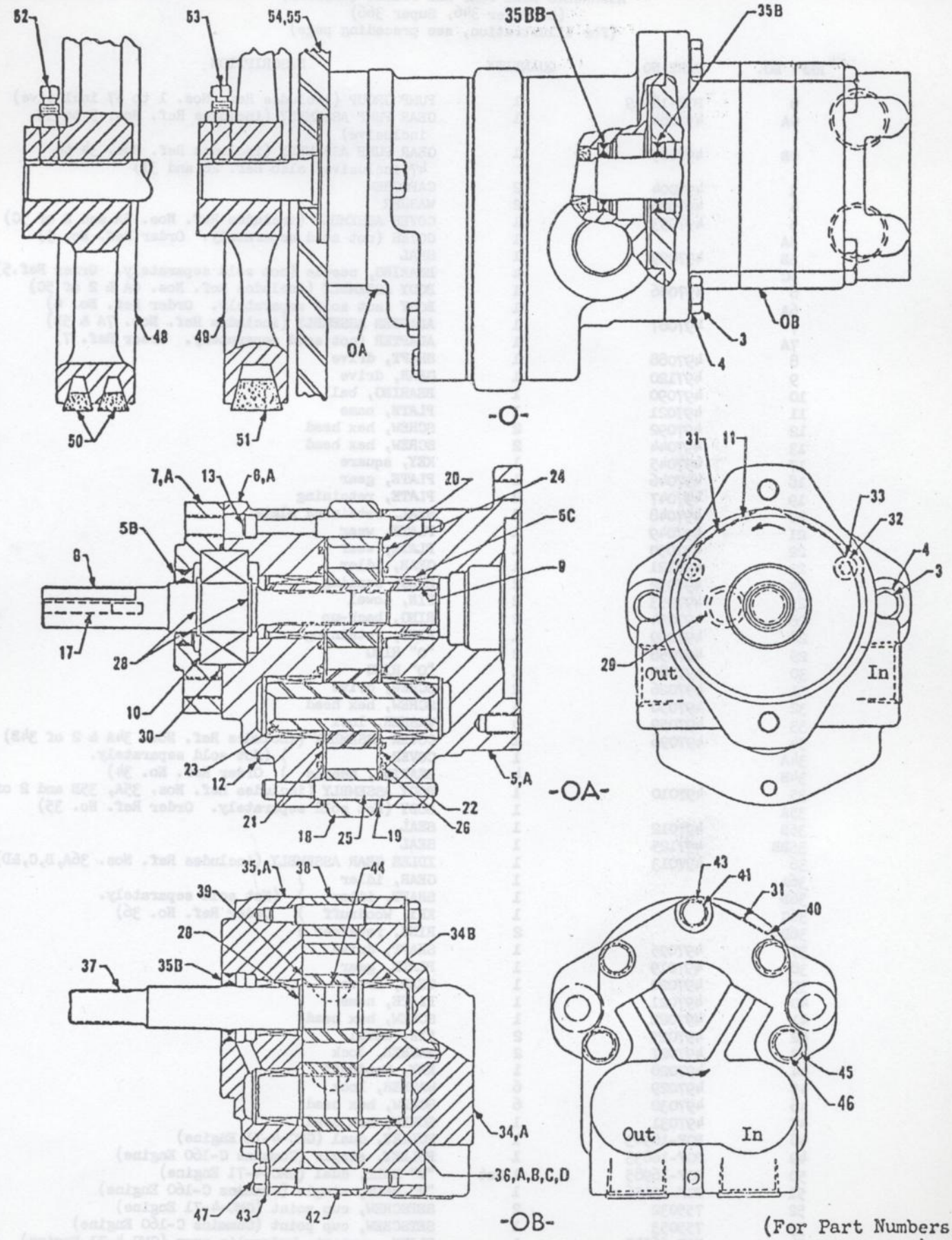


Field Service Hydraulic Hose and Connections

REF. NO.	PART NO. (1/2" I.D. HOSE)	PART NO. (3/4" I.D. HOSE)	QTY. PER HOSE END	DESCRIPTION
1	HCF-368 (1/2" - 14 NPTF)	HCF-334 (3/4" - 14 NPTF)	1	Stem
2	PGF-9946 (15/16" - 16UN THD.)	PGF-15648 (1-5/16" - 16UN THD.)	1	Stem
3	PGF-2077	HC-47	2	Clamp
4	742166	742323	2	Cap screw
5	778010	778011	2	Lock washer
6	722002	722003	2	Hex nut
7	1/2" I.D.	3/4" I.D.		Hydraulic Hose - specify length wanted

Make up your own hose by keeping a supply of hydraulic hose (in random length) and hose clamps on hand. To determine length of hose required measure the overall length of the hose you wish to duplicate and deduct 2". Cut hose with a high speed hacksaw blade having 18 or 24 teeth per inch.

HYDRAULIC HOSE CHART



HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 346, Super 366)

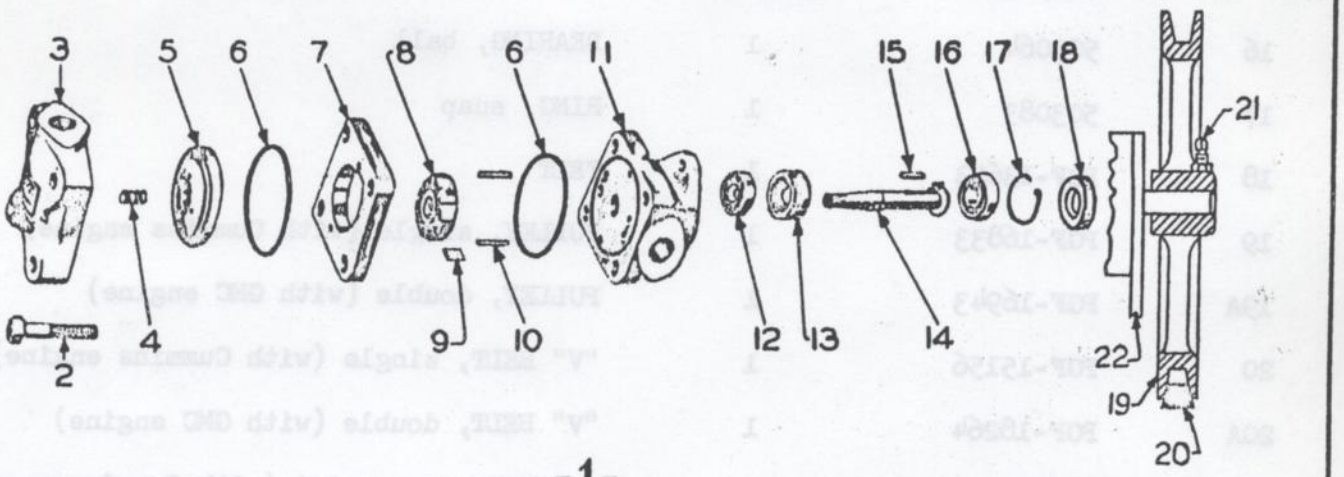
(For Part Numbers, see next page)

HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)

(On Pacer 346, Super 366)

(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-18119	1	PUMP GROUP (includes Ref. Nos. 1 to 47 inclusive)
0A	497084	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 5 to 33 inclusive)
0B	497085	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 34 to 47 inclusive, also Ref. 28 and 31)
3	497004	2	CAPSCREW
4	497005	2	WASHER
5	497093	1	COVER ASSEMBLY (includes Ref. Nos. 5A and 2 of 5C)
5A		1	COVER (not sold separately. Order Ref. No. 5)
5B	497099	1	SEAL
5C		4	BEARING, needle (not sold separately. Order Ref.5)
6	497086	1	BODY ASSEMBLY (includes Ref. Nos. 6A & 2 of 5C)
6A		1	BODY (not sold separately. Order Ref. No. 6)
7	497087	1	ADAPTER ASSEMBLY (includes Ref. Nos. 7A & 5B)
7A		1	ADAPTER (not sold separately. Order Ref. 7)
8	497088	1	SHAFT, drive
9	497120	1	GEAR, drive
10	497090	1	BEARING, ball
11	497021	1	PLATE, name
12	497092	2	SCREW, hex head
13	497044	2	SCREW, hex head
17	497045	1	KEY, square
18	497046	1	PLATE, gear
19	497047	2	PLATE, retaining
20	497048	2	SEAL, retaining plate
21	497049	1	PLATE, wear
22	497050	1	PLATE, wear
23	497121	1	GEAR, idler
24	497052	2	RING, sealing
25	497053	2	PIN, dowel
26	497054	2	RING, back-up
28	497089	1	RING, retaining
29	497056	2	"O" RING
30	497080	1	"O" RING
31	497026	2	SCREW, drive
32	497058	4	SCREW, hex head
33	497059	6	WASHER, lock
34	497096	1	COVER ASSEMBLY (includes Ref. Nos. 34A & 2 of 34B)
34A		1	COVER) (Not sold separately.
34B		4	BEARING, needle) Order Ref. No. 34)
35	497010	1	BODY ASSEMBLY (includes Ref. Nos. 35A, 35B and 2 of 34B)
35A		1	BODY (Not sold separately. Order Ref. No. 35)
35B	497012	1	SEAL
35BB	497125	1	SEAL
36	497013	1	IDLER GEAR ASSEMBLY (includes Ref. Nos. 36A,B,C,&D)
36A		1	GEAR, idler)
36B		1	SHAFT, idler) (Not sold separately.
36C		1	KEY, Woodruff) Order Ref. No. 36)
36D		2	RING, retainer)
37	497095	1	SHAFT, drive
38	497019	1	PLATE, gear
39	497020	1	GEAR, drive
40	497021	1	PLATE, name
41	497022	1	SCREW, hex head
42	497025	2	PIN, dowel
43	497027	2	WASHER, lock
44	497028	1	KEY, Woodruff
45	497029	6	WASHER, lock
46	497030	6	SCREW, hex head
47	497031	1	SCREW, hex head
48	PGF-16943	1	PULLEY, dual (GMC-4-71 Engine)
49	PGF-16833	1	PULLEY, single (Cummins C-160 Engine)
50	PGF-16985	1 Set	"V" BELT, dual (GMC-4-71 Engine)
51	PGF-15156	1	"V" BELT, single (Cummins C-160 Engine)
52	755032	2	SETSCREW, cup point (GMC-4-71 Engine)
53	755053	1	SETSCREW, cup point (Cummins C-160 Engine)
54	PGF-16542	1	PLATE, support, hydraulic pump (GMC-4-71 Engine)
55	PGF-16034	1	PLATE, support, hydraulic pump (Cummins C-160 Engine)
56	PGF-16949	1	SPACER, pump support (Cummins C-160 Engine)-(not shown)



-1-

HYDRAULIC SINGLE PUMP AND PULLEY (VICKERS) (SUPERSEDED)
(On Pacer 345 - Super 365)

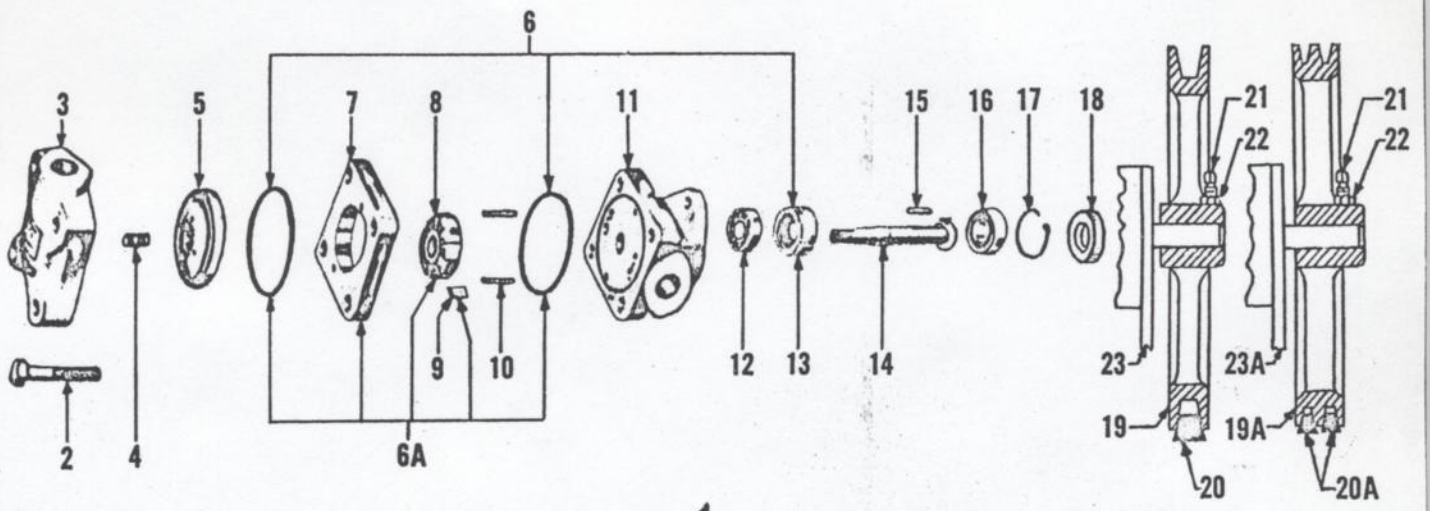
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17232	1	PUMP GROUP (includes Ref. Nos. 2 to 17 inclusive)
2	503201	4	CAPSCREW
3	503116	1	COVER
4	503087	1	SPRING
5	503380	1	PLATE, pressure
6	503145	2	SEAL
7	503426	1	RING
8	503369	1	ROTOR
9	503172	1	VANE KITS (12 vanes)
10	503192	2	PIN
11	503098	1	BODY
12	503008	1	BEARING, ball
13	503531	1	SEAL, oil
14	503093	1	SHAFT
15	503032	1	KEY, shaft

(Continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
16	503064	1	BEARING, ball
17	503083	1	RING, snap
18	PGF-13623	1	FELT
19	PGF-16833	1	PULLEY, single (with Cummins engine)
19A	PGF-16943	1	PULLEY, double (with GMC engine)
20	PGF-15156	1	"V" BELT, single (with Cummins engine)
20A	PGF-18264	1	"V" BELT, double (with GMC engine)
21	755053	1	SETSCREW, cup point (with Cummins engine)
21A	755032	1	SETSCREW, cup point (with GMC engine)
22	PGF-18006	1	PLATE, support, hydraulic pump (on Cummins engine)
22A	PGF-18320	1	PLATE, support, hydraulic pump (on GMC engine)
23	PGF-16949	1	* SPACER, pump support (on Cummins engine)

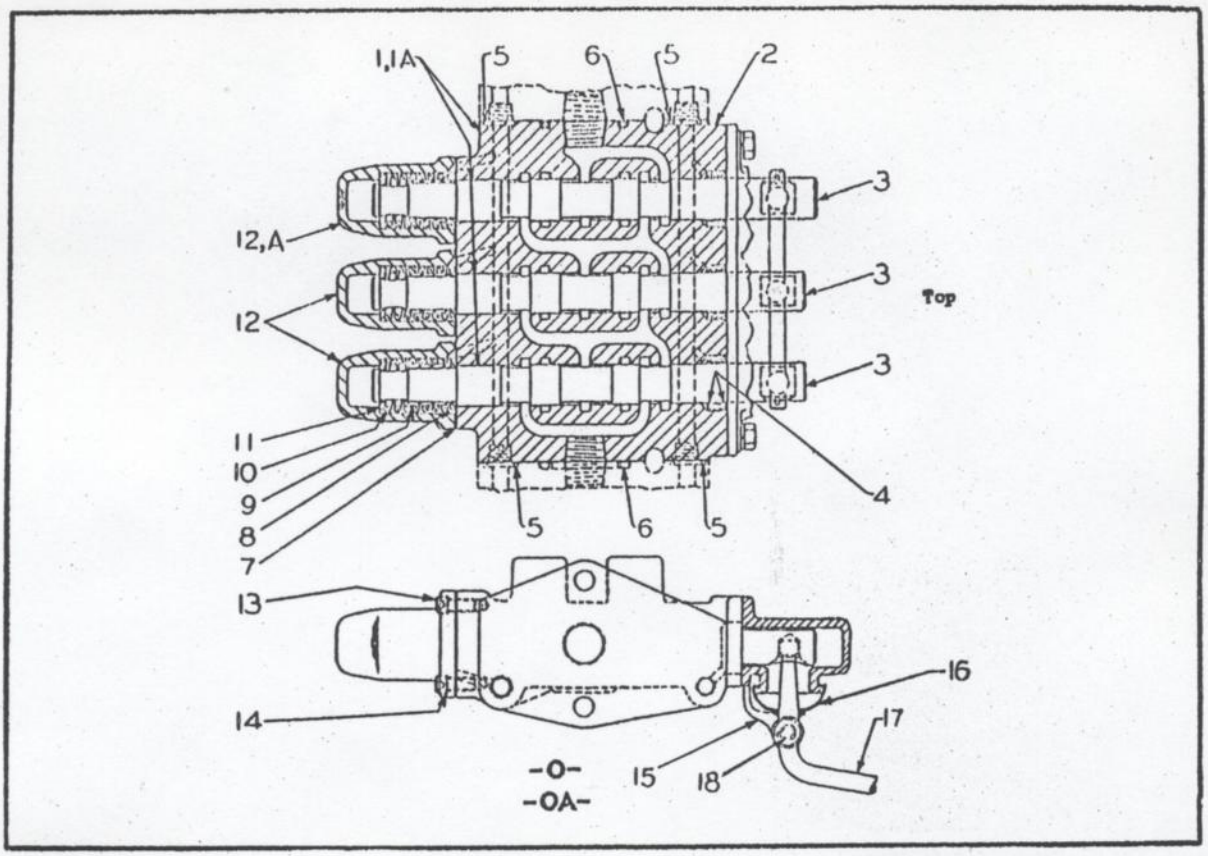
Note: * Parts not illustrated.



-1-

HYDRAULIC PUMP AND PULLEY (VICKERS)
(On Pacer 345 - Super 365)

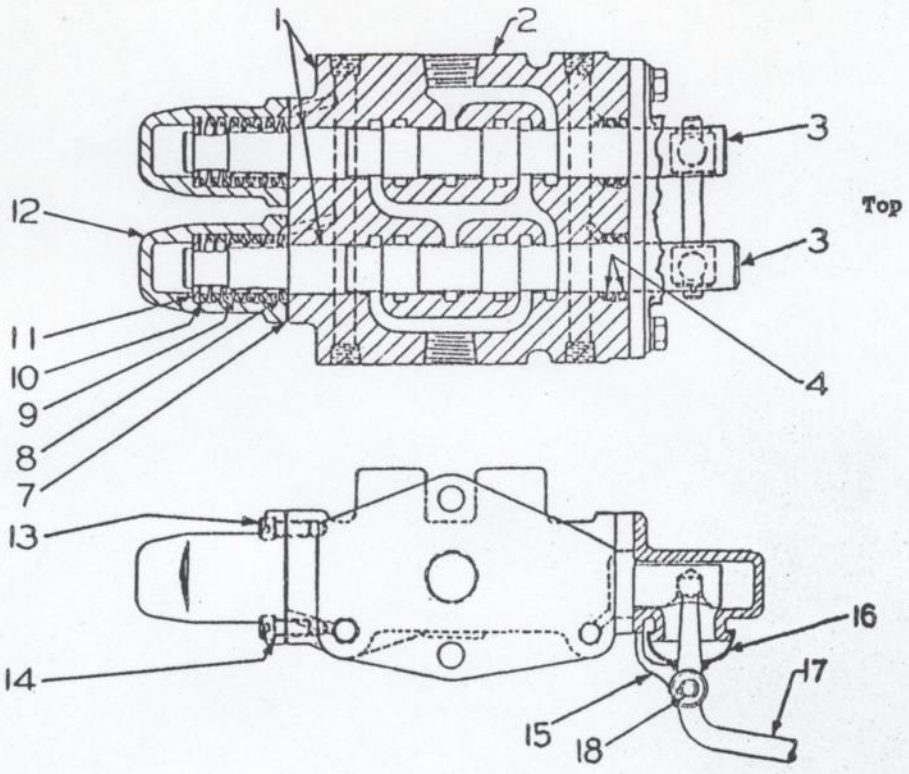
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17943	1	HYDRAULIC PUMP GROUP - Model V-210-9-1A-12-S6 (includes Ref. Nos. 2 to 17 inclusive)
2	503201	4	CAPSCREW
3	503116	1	COVER
4	503087	1	SPRING
5	503380	1	PLATE, pressure
6	503488	1	GASKET KIT
6A	503490	1	CARTRIDGE KIT
7	503489	1	RING
8	503369	1	ROTOR
9	503172	1	VANE KIT (12 vanes)
10	503192	2	PIN
11	503586	1	BODY
12	503008	1	BEARING, ball
13	503531	1	SEAL, oil
14	503093	1	SHAFT
15	503032	1	KEY, shaft
16	503064	1	BEARING, ball
17	503083	1	RING, snap
18	PGF-13623	1	FELT
19	PGF-18922	1	PULLEY (Cummins C-160 Engine)(incl. 21 & 22)
19A	PGF-18772	1	PULLEY (GMC-4-71 Engine)(includes 21 & 22)
20	PGF-15156	1	"V" BELT (Cummins C-160 Engine)
20A	PGF-18264	1 Set	BELT(GMC 4-71 Engine)
21		2	SETSCREW, cup point
22		2	NUT, hex
23	PGF-19023	1	SUPPORT, pump (Cummins C-160 Engine)
23A	PGF-18320	1	SUPPORT, pump (GMC-4-71 Engine)



HYDRAULIC CONTROL TRIPLE VALVE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
	PGU-9306-A	1	VALVE BANK GROUP (consists of one each PGU-9607-A, PGU-9683 and PGU-9682 bolted together)
0	PGU-9683	1	TRIPLE VALVE ASSEMBLY - END (includes Ref. Nos. 1A, 4, and 7 to 16 inclusive except Ref. 12A)
0A	PGU-9682	1	TRIPLE VALVE ASSEMBLY - CENTER (includes Ref. Nos. 1, 4, and 7 to 16 inclusive except 2 only of Ref. 12)
1	PGPA-1931-72	1	BODY WITH TRIPLE VALVE PLUGS - CENTER (includes Ref. Nos. 2 and 3)
1A	PGPA-1931-74	1	BODY WITH TRIPLE VALVE PLUGS - END (includes Ref. Nos. 2 and 3)
2		1	* BODY, valve
3		3	* PLUG, valve (movable)
4	HCF-5980	6	SEAL, oil
5	PGF-9648-25	4	"O" RING
6	PGF-9648-2	2	"O" RING
7	ASF-5105	3	GASKET, valve spring cap
8	PGF-8785	3	WASHER
9	PGF-8781	3	SLEEVE
10	PGF-15988	3	SPRING, valve
11	PGF-8780	3	WASHER
12	AS-1010	3 & 2	CAP, valve spring
12A	PG-2416	1	CAP, valve spring (in Ref. 0A)
13	819133	12	CAPSCREW, hollow head
14	HCF-373	12	WASHER, capscrew
15	PG-2350	1	BRACKET, valve lever
16	PGF-15741	3	BOOT
17			LEVER, control (see separate page)
18	PGF-10105	1	PIN

Note: * Indicates parts not sold separately. Order Ref. 1, PGPA-1931-72 or Ref. 1A, PGPA-1931-74, body with triple valve plugs, from your nearest Austin-Western distributor.

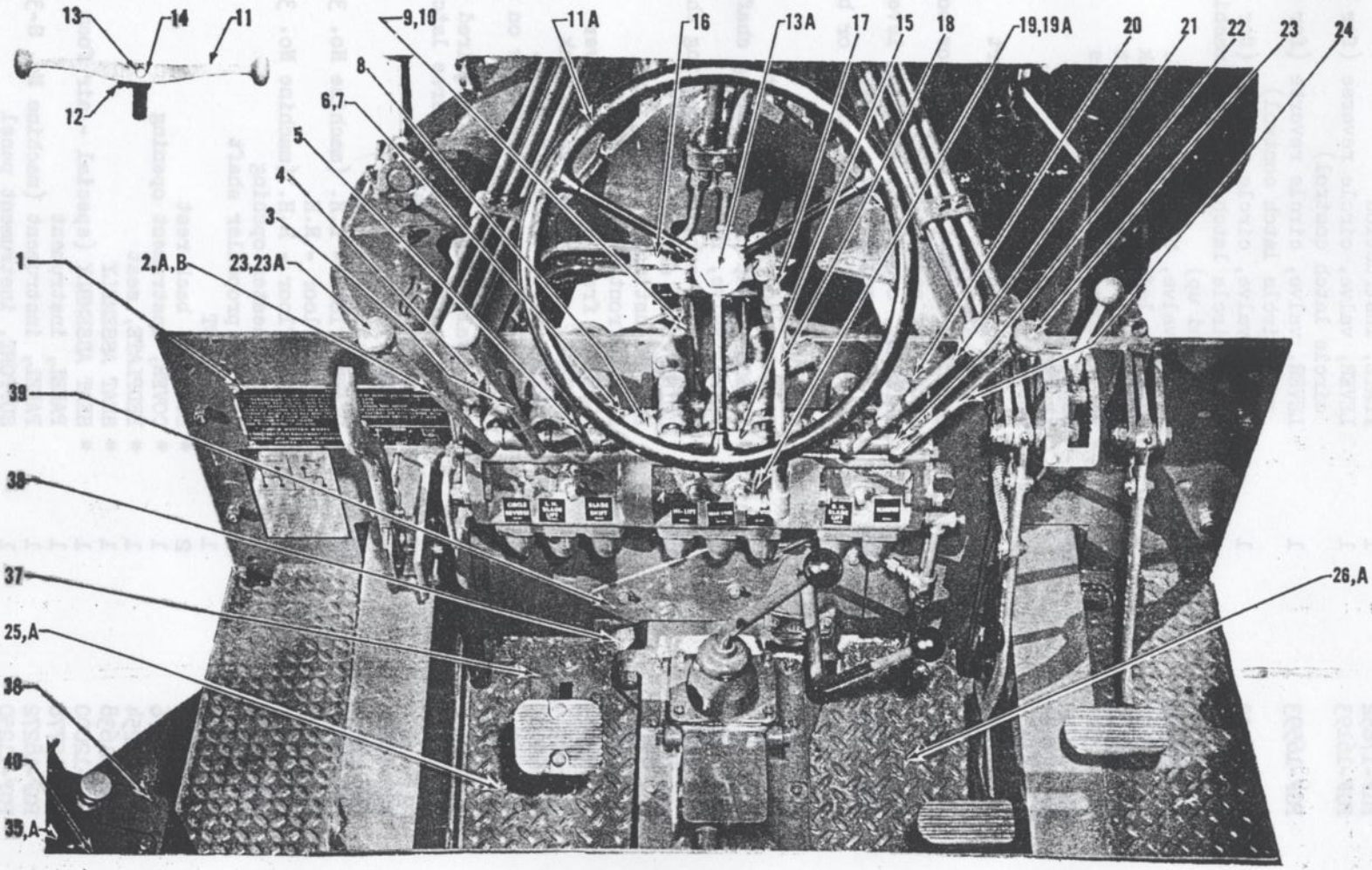


-OB-

HYDRAULIC CONTROL TWIN VALVE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
	PGU-9306-A	1	VALVE BANK GROUP (consists of one each PGU-9607-A, PGU-9683 and PGU-9682 bolted together)
OB	PGU-9607-A	1	TWIN VALVE ASSEMBLY (includes Ref. Nos. 1, and 4 to 16 inclusive)
1	PGPA-1930-73	1	BODY WITH TWIN VALVE PLUGS (includes Ref. Nos. 2 and 3)
2		1	* BODY, valve
3		2	* PLUG, valve (movable)
4	HCF-5980	4	SEAL, oil
7	ASF-5105	2	GASKET, valve spring cap
8	PGF-8785	2	WASHER
9	PGF-8781	2	SLEEVE
10	PGF-15988	2	SPRING, valve
11	PGF-8780	2	WASHER
12	AS-1010	2	CAP, valve spring
13	819133	8	CAPSCREW, hollow head
14	HCF-373	8	WASHER, capscrew
15	PG-2349	1	BRACKET, valve lever
16	PGF-15741	2	BOOT
17			LEVER, control (see separate page)
18	ASF-5109	1	PIN

Note: * Indicates parts not sold separately. Order Ref. 1, PGPA-1930-73, body with twin valve plugs, from your nearest Austin-Western distributor.



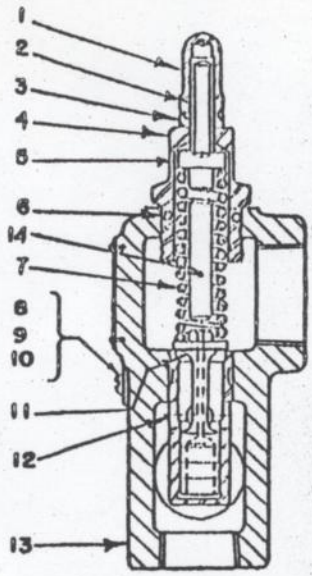
(For Part Numbers, see next page)

HYDRAULIC VALVE CONTROLS AND MISCELLANEOUS PARTS

HYDRAULIC VALVE CONTROLS AND MISCELLANEOUS PARTS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17652	1	PLATE, instruction
2	PGF-16193	1	LEVER, valve, circle reverse (for foot type circle latch control)
2A	PGF-16593	1	LEVER, valve, circle reverse (for solenoid type circle latch control)
2B	PGF-17930	1	LEVER, valve, circle reverse (for solenoid type circle latch control) (machine No. 300 - 7870 and up)
3	PGF-16190	1	LEVER, valve, blade lift, L.H.
4	PGF-12615	1	BRACKET, left hand, valve bank
5	PGF-16192	1	LEVER, valve, blade side shift
6	PGF-12043	1	* PLATE, cover, valve bank tubes
7	PGF-10754	16	* FELT, cover plate, valve bank
8	PGF-16191	1	LEVER, valve, high lift
9	PG-2405	1	SUPPORT, steering shaft
10	ASF-5689	2	* BUSHING, steering shaft support
11	PG-1386	1	LEVER, steering
11A			STEERING WHEEL (see duomatic or booster steering page)
12	755053	1	SETSCREW, cup point, steering lever
13	PGF-16368	1	SHAFT, steering lever
13A			SHAFT, steering (see duomatic or booster steering page)
14	111009	3	KEY, Woodruff
	PG-1786	1	* COLLAR, steering lever shaft
	755032	2	* SETSCREW, cup point, steering shaft collar
15	PGF-16194	1	LEVER, valve, rear steer
16	PG-2466	1	LEVER, counterbalance, steering shaft
17	PGF-15602	2	JOINT, ball and socket
18	PGF-15603	1	ROD, adjusting, steering link
19	PG-2418	1	LEVER, front steering valve
19A	PGF-15673	1	* BUSHING, front steer valve lever
20	PGF-12616	1	BRACKET, right hand, valve bank
21	PGF-16189	1	LEVER, valve, blade lift, R.H.
22	HTF-382	1	* SPACER, valve lever (used only on machines not equipped with scarifier)
23	PG-1400	6	BALL, valve lever (was 7 required with Ref. 2)
23A	PGF-16430	1	KNOB, control, circle reverse latch (used with Ref. 2A or 2B)
24	PGF-16188	1	LEVER, valve, scarifier
25	PGF-15233	1	PLATE, floor - L.H.
25A	PGF-18812	1	PLATE, floor - L.H. (machine No. 300-9284 and up)
26	PGF-15232	1	PLATE, floor - R.H.
26A	PGF-18813	1	PLATE, floor - R.H. (machine No. 300-9284 and up)
27	PGF-15267	1	* COVER, heater opening
28	PGF-15269	1	* SHIELD, propeller shaft
29	PGF-5652	1	* BACK REST
30	PGF-10111	2	* SUPPORT, back rest
31	PGF-14576	1	* COVER, instrument opening
32	PGF-11254	1	* BEDPLATE, seat
33	PGF-11638	1	* SEAT ASSEMBLY
34	PGF-12000	1	* SEAT ASSEMBLY (special - air foam rubber)
35	PGF-15778	1	PANEL, instrument
35A	PGF-18272	1	PANEL, instrument (machine No. S-300-9284 and up)
36	PGF-11250	1	SUPPORT, instrument panel
37	PGF-14732	1	COVER, floor opening
38	PGF-16151	1	SEAL, for cab opening
39	PGF-15234	1	PLATE, cab opening seal
40	PGF-15266	1	* PLATE, tie

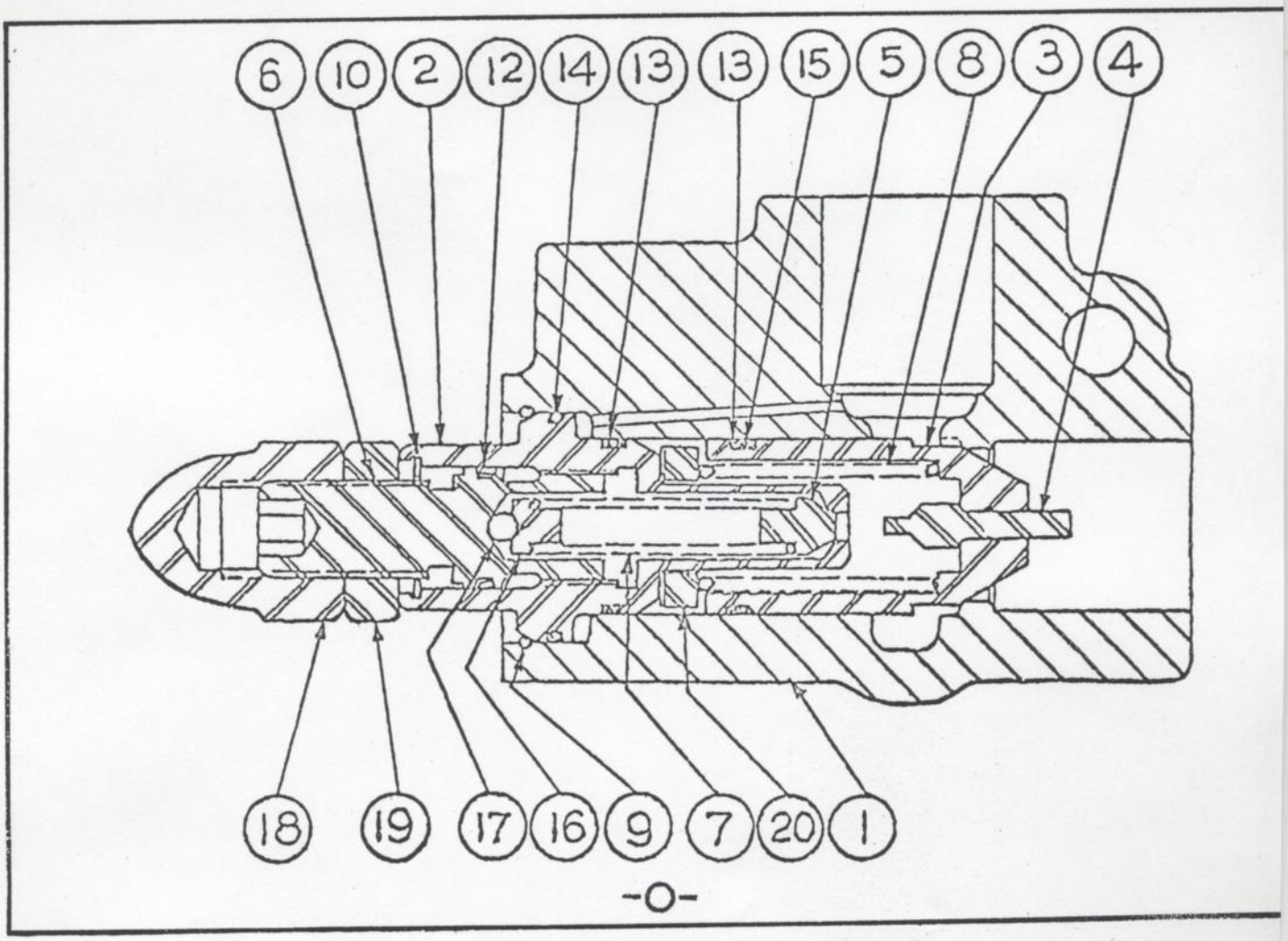
Note: * Parts not illustrated.



-O-

HYDRAULIC RELIEF VALVE
(Superseded)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	HCF-4825	1	RELIEF VALVE GROUP (includes Ref. Nos. 1 to 14 inclusive)
1	513044	1	NUT, acorn
2	513031	1	SCREW, adjusting
3	513033	1	NUT, jam
4	513049	1	CAP, valve
5	513042	1	GUIDE, spring
6	513038	1	RING, seal
7	513214	1	SPRING, valve
8	513065	1	SETSCREW
9	513061	1	SCREW, machine
10	513062	1	GASKET
11	513041	1	PLUNGER, valve
12	513063	1	SEAT, valve
13	513216	1	HOUSING, valve
14	513215	1	PIN



HYDRAULIC RELIEF VALVE
(Machines R-300-7950, R-300-7954 and Up)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-18587	1	RELIEF VALVE GROUP (includes Ref. Nos. 1 20 inclusive)
1	501044	1	BODY, valve
2	501043	1	SLEEVE, valve
3	501042	1	VALVE
4	501041	1	PIN, metering
5	501011	1	VALVE, poppet
6	501008	1	SCREW, adjusting
7	501010	1	SPRING
8	501037	1	SPRING
9	501036	1	RING, retaining
10	501012	1	RING, snap
11	501034	1	NAME PLATE (not shown)
12	501009	1	"O" RING
13	501032	2	"O" RING
14	501031	1	"O" RING
15	501030	1	RING, backup
16	501029	1	SPRING
17	501015	1	BALL
18	501027	1	NUT, acorn
19	501019	1	NUT, jam
20	501025	1	SPACER

GMC - 4-71 DIESEL ENGINE AND RELATED PARTS
(Not illustrated)

ENGINE AND ATTACHING PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18281	1	ENGINE - 4-71 (for Pacer 345 - Super 365) - (see engine parts catalog)
2	PGF-18282	1	ENGINE - 4-71 for Torcon converter with GMC - 5125671 flywheel with ring gear (for Pacer 346 - Super 366) - (see engine parts catalog)
3	775123	1	SETSCREW, hydraulic pump support adjustment
4	733005	1	NUT, jam (for Ref. 3)
5	PGF-13569	2	CONTROL (engine governor shut-off and emergency shut-off)-(one req'd on 345 and 365)
6	HCF-2464	1	CLAMP, emergency shut-off cable
7	PGF-18262	1	SUPPORT, engine, front
8	WRF-1262	2	BOLT, front engine support (to frame)
9	PGF-5909	2	WASHER (for Ref. 8)
10	737005	2	NUT, slotted (for Ref. 8)
11	PGF-12977	2	STUD, front engine support (to engine) (for Pacer 345 - Super 365)
12	PGF-17643	2	SUPPORT, engine, rear
13	PGF-11326	8	STUD, engine support rear
14	PGF-16100	1	BOLT, engine support, rear, R.H.
15	PGF-16099	1	BOLT, engine support, rear, L.H.
16	PGF-16102	2	WASHER (for Ref. 14 and 15)

RADIATOR, CONNECTIONS AND ATTACHING PARTS

1	PGF-16800	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 345 - Super 365) - (includes #562086 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
2	PGF-16799	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 346 - Super 366) - (includes #562085 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
3	PGF-14566	1	SHROUD
4	PG-2296	1	ELBOW, lower
5	PG-2128	1	ELBOW, engine oil cooler inlet
6	PG-2297	1	CONNECTION, upper
7	PGF-10792	2	GASKET, upper and lower connections
8	WRF-760	2	HOSE, upper and lower (2" ID x 12")
9	HCF-4452-4	4	CLAMP, hose
10	PGF-14523	2	ROD, tie, radiator
11	782006	2	YOKE, radiator tie rod
12	783006	2	PIN, radiator tie rod yoke

RADIATOR SHUTTERS

1	PGF-15208	1	PLATE, outer
2	PGF-15218	1	HANDLE, shutter
3	PGF-15206	1	STUD, shutter
4	PGF-15656	1	SHUTTER, radiator
5	742007	4	BOLT
6	PGF-6505	4	SPRING

(continued)

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MUFFLER AND ATTACHING PARTS

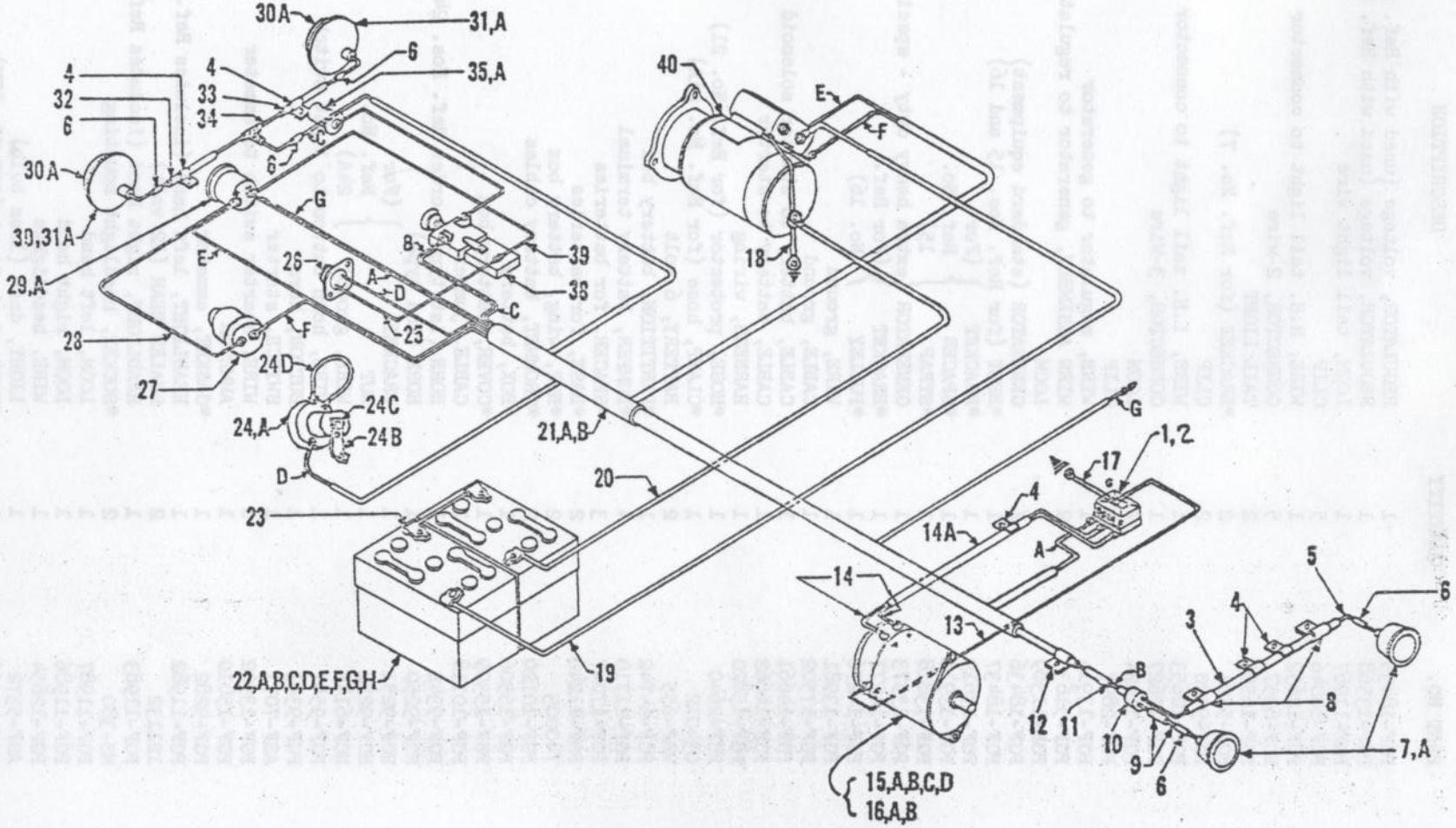
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16143	1	MUFFLER
2	HCF-5293	1	CLAMP
3	PGF-18476	1	EXHAUST PIPE
4	HCF-2468	4	STUD, exhaust pipe
5	920003	4	NUT, exhaust pipe stud (brass)
6	765004	4	WASHER, exhaust pipe

AIR CLEANER AND ATTACHING PARTS (OIL BATH TYPE)

1	PGF-17277	1	AIR CLEANER (includes #035090 body, #035085 housed element, #035086 inner oil cup, #035087 oil cup, 2 - #035088 side rod bands, and 2 - #035089 side rods)
2	PGF-15275	1	EXTENSION, stack
3	PGF-12479	1	CAP, stack extension
4	PGF-15417	2	BAND, mounting
5	PGF-16623	1	TUBE
6	PGF-16619	1	ADAPTER (engine blower end)
7	PGF-13910	2	HOSE (4" ID x 4")
8	HCF-4452-6	8	CLAMP, hose
9	PGF-15552	1	BRACKET
10	PGF-15079	1	PLATE, air cleaner support

AIR CLEANER AND ATTACHING PARTS (DRY TYPE)

1	PGF-17767	1	AIR CLEANER (includes #035072 cover, #035076 cover gasket, #035127 cover, inner, #035126 element, #035077 element gasket, #035128 dust cup, #035078 dust cup gasket, #035129 clamp assembly.
2	PGF-18411	1	INDICATOR
3	PGF-16735	1	EXTENSION, stack
4	PGF-16434	1	CAP, stack extension
5	PGF-16729	1	BAND, mounting
5A	PGF-18106	1	BAND, mounting
6	PGF-16742	1	SUPPORT
7	PGF-16769	1	SUPPORT, extension
8	PGF-16770	1	U-BOLT, extension support
9	PGF-16733	1	ELBOW, extension
10	PGF-16731	1	HOSE (5" ID x 5")
11	PGF-17843-4	1	HOSE, reducer (5-1/2" to 4" ID x 5-1/2")
12	HCF-4452-7	6	CLAMP, hose
13	PGF-17083	1	ADAPTER, outlet (tubular)
14	PGF-17860	1	BRACE
15	PGF-17829	1	BAND, air cleaner



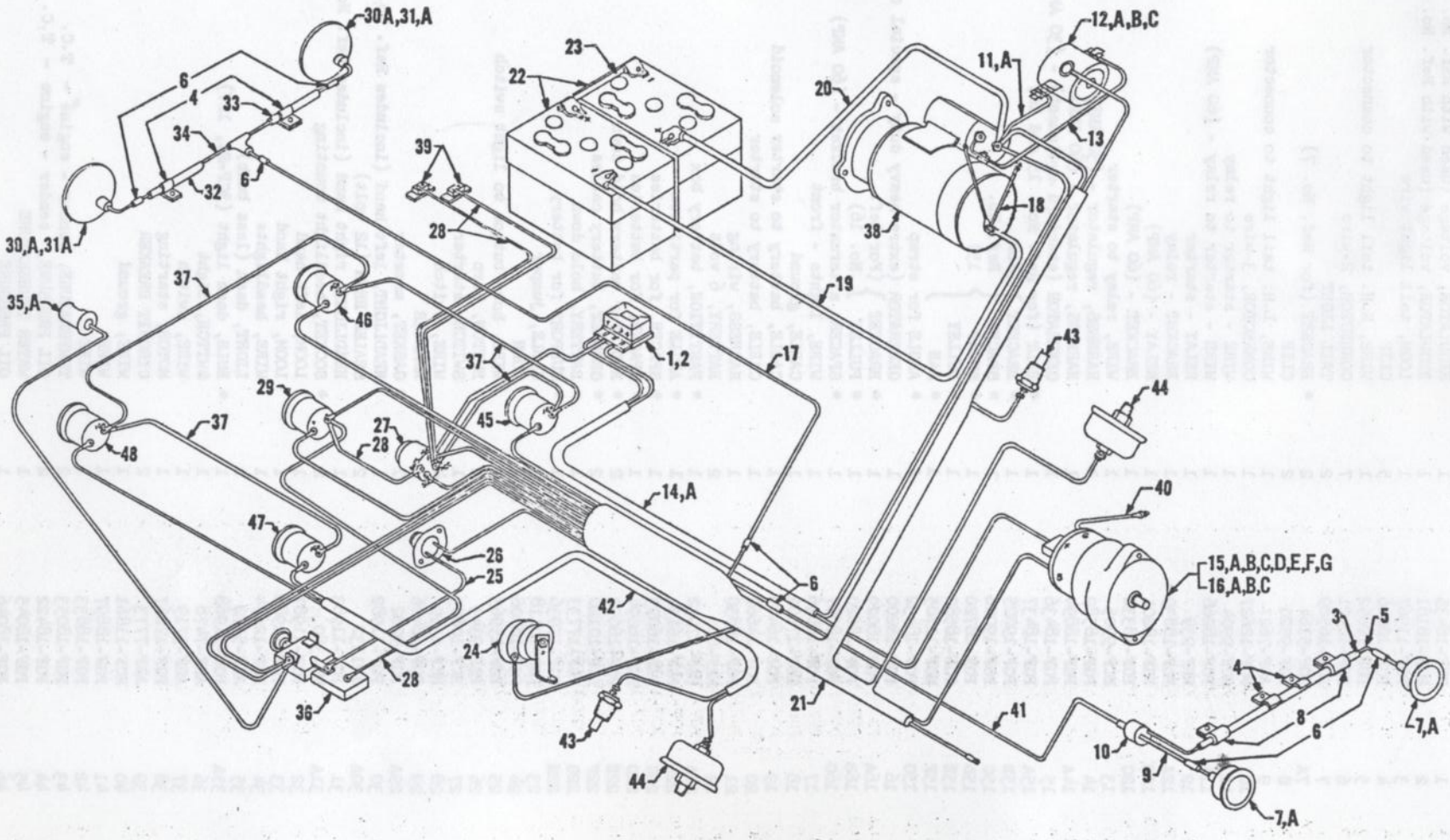
(For Part Numbers, see next page)

ELECTRICAL ACCESSORIES FOR GMC-4-71 ENGINE

ELECTRICAL ACCESORIES FOR GMC-4-71 ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18435	1	REGULATOR, voltage (used with Ref. No. 15)
2	PGF-13568	1	REGULATOR, voltage (used with Ref. No. 16)
3	PGF-11967	1	LOOM, tail light wire
4	PGF-10046	5	CLIP
5	PGF-12652	1	WIRE, R.H. tail light to connector
6	HCF-6357	5	CONNECTOR, 2-wire
7	PGF-16569	2	TAIL LIGHT
7A	PGF-5164	2	*BRACKET (for Ref. No. 7)
8	PGF-9520	2	CLIP
9	PGF-12653	1	WIRE, L.H. tail light to connector
10	PGF-12627	1	CONNECTOR, 3-Wire
11	PGF-11424	1	LOOM
12	PGF-2897	1	CLIP
13	PGF-13914	1	WIRE, regulator to generator
14	PGF-5163	2	WIRE ASSEMBLY, generator to regulator
14A	PGF-11389	1	LOOM
15	PGF-18436	1	GENERATOR (standard equipment)
15A	PGF-18437	1	*BELT (for Ref. Nos. 15 and 16)
15B	PGF-13819	1	*BRACKET (For Ref. No. 15)
15C	PGF-13911	1	*SPACER (For Ref. No. 15)
15D	PGF-13818	1	*STRAP (For Ref. No. 15)
16	PGF-13573	1	GENERATOR (extra heavy duty - special order)
16A	PGF-14277	1	*BRACKET (For Ref. No. 16)
16B	PGF-14276	1	*PULLEY (For Ref. No. 16)
17	PGF-13981	1	WIRE, ground
18	PGF-17502	1	CABLE, ground
19	PGF-14661	1	CABLE, battery to starter solenoid
20	PGF-14662	1	CABLE, battery to starter
21	PGF-15820	1	HARNESS, wiring
21A	HCF-2640	1	*HOSE, protector (for Ref. No. 21)
21B	034012	1	*CLAMP, hose (for Ref. No. 21A)
22	WRF-655	2	BATTERY, 6 volt
22A	PGF-14742	1	*PARTITION, battery box
22B	PGF-11710	4	*BUMPER, battery terminal
22C	PGF-17047	3	*SPACER, for batteries
22D	PGF-11246	2	*BASE, for batteries
22E	740003	2	*NUT, wing, battery box
22F	PGF-10120	2	*GROMMET, battery cables
22G	PGF-15506	1	*BOX, battery
22H	PGF-15309	1	*COVER, battery box
23	PGF-10118	1	CABLE, jumper
24	PGF-9342	1	HORN (1st type - order Ref. Nos. 24A,B,C, and D)
24A	HCF-9250	1	HORN (2nd type)
24B	HCF-9251	1	BRACKET (For Ref. No. 24A)
24C	HCF-9252	1	NUT (For Ref. No. 24A)
24D	HCF-6145	1	WIRE, ground (For Ref. No. 24A)
25	PGF-9547	1	WIRE, horn button to light switch
26	PGF-9343	1	BUTTON, horn
27	ASF-7071	1	SWITCH, starter
28	PGF-13902	1	WIRE, starter switch to ammeter
29	PGF-15810	1	AMMETER
29A	PGF-9282	1	*GASKET, ammeter
30	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 30A)
30A	121132	2	SEALED BEAM (12 volt)
31	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 30A)
31A	MS-380	2	*SOCKET, headlight mounting
32	PGF-11987	1	LOOM, left hand
33	PGF-11986	1	LOOM, right hand
34	PGF-12654	1	WIRE, headlights
35	ASF-5372	1	LIGHT, dash (less bulb)
35A	PGF-11968	1	*BULB, dash light (3CP-SC, 12V)
38	ASF-7478	1	SWITCH, light
39	PGF-9506	1	WIRE, ammeter to light switch
40	PGF-17267	1	MOTOR, starting

Note: * Parts not illustrated.



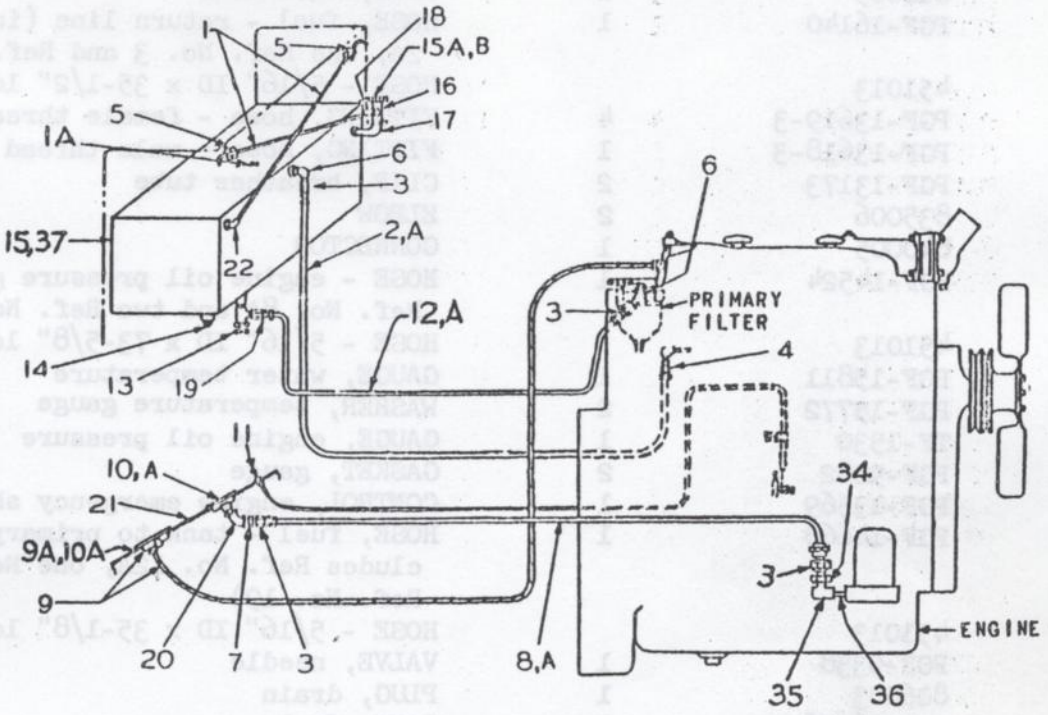
(For Part Numbers, see next page)

ELECTRICAL ACCESSORIES FOR GMC-4-71 ENGINE
(30 or 60 AMP)

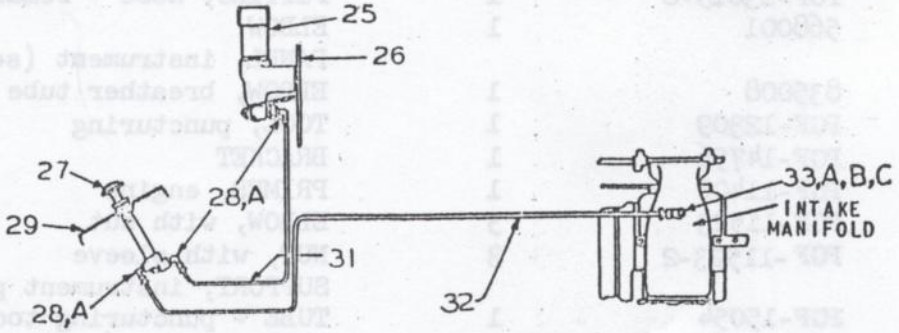
ELECTRICAL ACCESSORIES FOR GMC-4-71 ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18435	1	REGULATOR, voltage (used with Ref. No. 15)-(30 AMP)
2	PGF-18181	1	REGULATOR, voltage (used with Ref. No. 16)-(60 AMP)
3	PGF-11967	1	LOOM, tail light wire
4	PGF-10046	5	CLIP
5	PGF-12652	1	WIRE, R.H. tail light to connector
6	PGF-10421	7	CONNECTOR, 2-wire
7	PGF-16569	2	TAIL LIGHT
7A	PGF-5164	2	* BRACKET (for Ref. No. 7)
8	PGF-9520	2	CLIP
9	ASF-7627	1	WIRE, L.H. tail light to connector
10	PGF-12627	1	CONNECTOR, 3-wire
11	HCF-9904	1	WIRE - starter to relay
11A	PGF-18266	1	WIRE - starter to relay - (60 AMP)
12	WRF-939	1	RELAY - starter
12A	PGF-18839	1	BRACKET - relay
12B	PGF-18201	1	RELAY - (60 AMP)
12C	PGF-18331	1	BRACKET - (60 AMP)
13	HCF-9905	1	WIRE, relay to starter
14	PGF-18589	1	HARNESS, regulator - (30 AMP)
14A	PGF-18894	1	HARNESS, regulator - (60 AMP)
15	PGF-18436	1	GENERATOR (standard equipment) - (30 AMP)
15A	PGF-18437	1	* BELT (for Ref. Nos. 15 and 16)
15B	PGF-19025	1	* BRACKET (For
15C	PGF-19026	1	* SPACER Ref. No.
15D	PGF-18720	1	* STRAP 15)
15E	PGF-18582	1	* PULLEY
15F	HCF-11705	1	* FAN
15G	PGF-18432	1	* ANGLE for strap
16	PGF-18200	1	GENERATOR (extra heavy duty - special order)-(60 AMP)
16A	PGF-18029	1	* BRACKET (For Ref.
16B	PGF-18620	1	* PULLEY No. 16)
16C	PGF-18657	1	* SPACER, alternator bracket - (60 AMP)
17	PGF-18896	1	WIRE, lights - front
18	PGF-17502	1	CABLE, ground
19	PGF-16405	1	CABLE, battery to starter solenoid
20	PGF-14662	1	CABLE, battery to starter
21	PGF-18830	1	HARNESS, wiring
22	WRF-655	2	BATTERY, 6 volt
22A	PGF-17932	1	* PARTITION, battery box
22B	PGF-16134	1	* ANGLE for partition
22C	PGF-16093	1	* SPACER, for batteries
22D	PGF-16094	1	* SPACER, for batteries
22E	PGF-16092	2	* ROD, for battery hold down
22F	PGF-10120	2	* GROMMET, battery cables
22G	PGF-17733	1	* BATTERY, hold down
22H	PGF-17936	1	* SUPPORT for battery
23	PGF-10118	1	CABLE, jumper
24	PGF-18406	1	HORN
25	PGF-15963	1	WIRE, horn button to light switch
26	PGF-9343	1	BUTTON, horn
27	HCF-10883	1	SWITCH, starter
28	HCF-6359	4	WIRE, switch
29	PGF-18426	1	AMMETER
29A	PGF-9282	1	* GASKET, ammeter
30	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 30A)
30A	121132	2	SEALED BEAM (12 volt)
31	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 30A)
31A	MS-380	2	* SOCKET, headlight mounting
32	PGF-11987	1	LOOM, left hand
33	PGF-11986	1	LOOM, right hand
34	PGF-12654	1	WIRE, headlights
35	ASF-5372	1	LIGHT, dash (less bulb)
35A	PGF-11968	1	* BULB, dash light (3CP-SC, 12V)
36	ASF-7478	1	SWITCH, light
37	ASF-3719	1	WIRE, switch
38	PGF-17267	1	MOTOR, starting
39	ASF-7773	2	CIRCUIT BREAKER
40	HCF-11861	1	WIRE, ground
41	PGF-18897	1	WIRE
42	PGF-18833	1	WIRE
43	PGF-18053	2	TEMPERATURE, sender - engine - T.C.
44	PGF-18422	2	OIL PRESSURE, sender - engine - T.C.
45	PGF-18045	1	WATER TEMPERATURE
46	PGF-18046	1	OIL PRESSURE
47	PGF-17942	1	TEMPERATURE - T.C.
48	PGF-18421	1	PRESSURE - T.C.

Note: * Parts not illustrated.



Fuel and Oil Lines



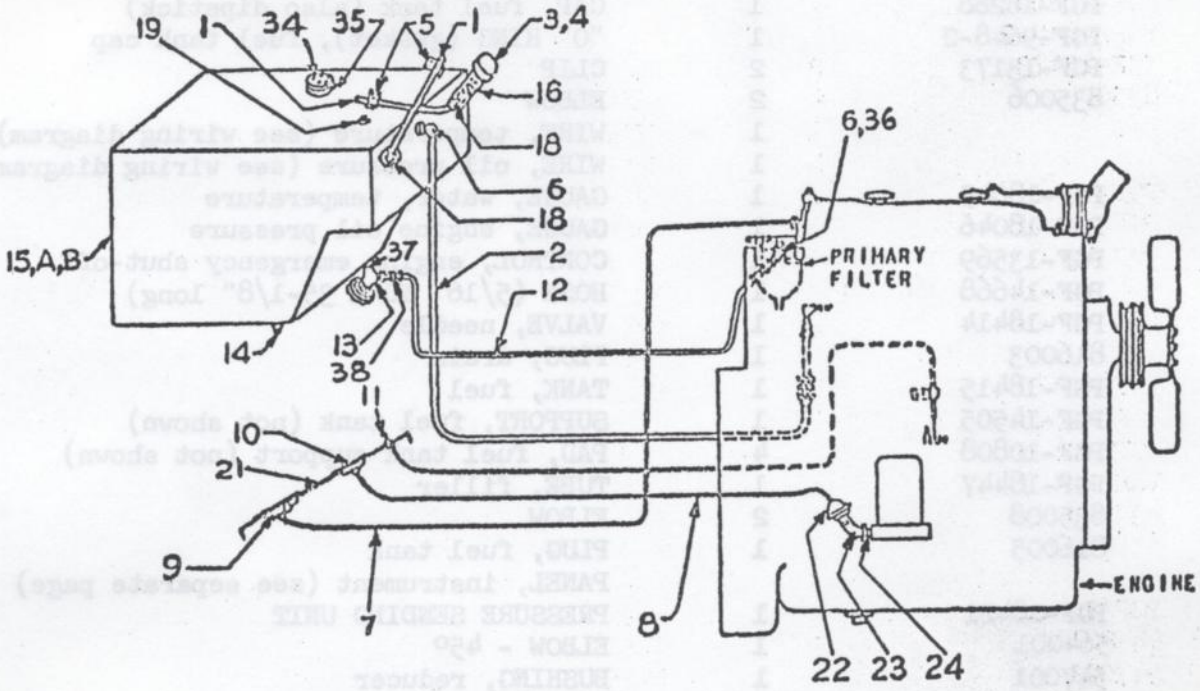
Ether Starting System

(For Part Numbers, see next page)

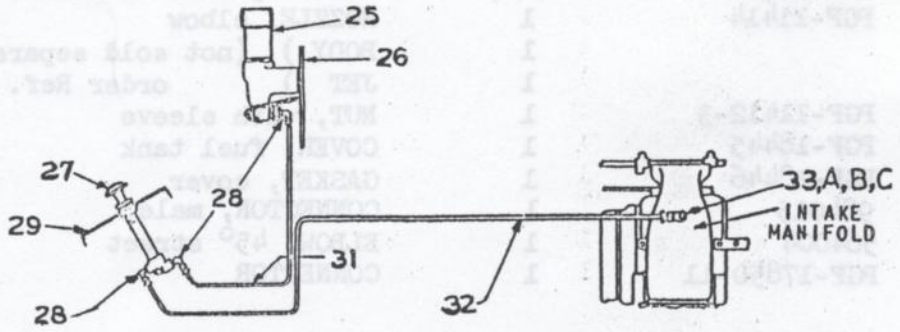
FUEL AND OIL PRESSURE SYSTEM
(For GMC - 4-71 Engine)

FUEL AND OIL PRESSURE SYSTEM
(For GMC - 4-71 Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14572	2	TUBE, breather
1A	818005	1	PLUG, fuel tank
2	PGF-16140	1	HOSE, fuel - return line (includes Ref. No. 2A, one Ref. No. 3 and Ref. No. 4)
2A	451013		HOSE - 5/16" ID x 35-1/2" long
3	PGF-13619-3	4	FITTING, hose - female thread
4	PGF-13618-3	1	FITTING, hose - male thread
5	PGF-13173	2	CLIP, breather tube
6	835006	2	ELBOW
7	840005	1	CONNECTOR
8	PGF-14524	1	HOSE - engine oil pressure gauge (includes Ref. No. 8A and two Ref. No. 3)
8A	451013		HOSE - 5/16" ID x 73-5/8" long
9	PGF-15811	1	GAUGE, water temperature
9A	PGF-15772	2	WASHER, temperature gauge
10	TF-1530	1	GAUGE, engine oil pressure
10A	PGF-9282	2	GASKET, gauge
11	PGF-13569	1	CONTROL, engine emergency shut-off
12	PGF-14668	1	HOSE, fuel - tank to primary filter (includes Ref. No. 12A, one Ref. No. 3 and Ref. No. 19)
12A	451013		HOSE - 5/16" ID x 35-1/8" long
13	PGF-9338	1	VALVE, needle
14	816003	1	PLUG, drain
15	PGF-17136	1	TANK, fuel
	PGF-10808	4	CUSHION, fuel tank (not shown)
15A	PGF-11696	1	CAP, filler tube
15B	PGF-9648-2	1	"O" RING, gasket
16	PGF-13806	1	NECK, filler
17	565009	1	ELBOW, filler neck
18	835007	1	ELBOW, breather tube
19	PGF-13619-6	1	FITTING, hose - female thread
20	568001	1	ELBOW
21			PANEL, instrument (see separate page)
22	835008	1	ELBOW, breather tube
25	PGF-12309	1	TOOL, puncturing
26	PGF-14756	1	BRACKET
27	PGF-11400	1	PRIMER, engine
28	PGF-11523	3	ELBOW, with nut
28A	PGF-11523-2	3	NUT, with sleeve
29			SUPPORT, instrument panel (see sep. page)
31	PGF-15054	1	TUBE - puncturing tool to primer
32	PGF-15071	1	TUBE - primer to intake manifold
33	PGF-11414	1	NOZZLE, elbow
33A		1	BODY } (not sold separately.
33B		1	JET } order Ref. 33)
33C	PGF-11412-3	1	NUT, with sleeve
34	840006	1	CONNECTOR
35	538002	1	TEE
36	532046	1	NIPPLE
37	PGF-14505	1	SUPPORT, fuel tank (not shown)



Fuel and Oil Lines



Ether Starting System

(For Part Numbers, see next page)

FUEL AND OIL PRESSURE SYSTEM
(For GMC Engine)

FUEL AND OIL PRESSURE SYSTEM
(For GMC Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14572	2	TUBE, breather
2	PGF-16140	1	HOSE (5/16" ID x 28-1/2" long)
3	PGF-18268	1	CAP, fuel tank (also dipstick)
4	PGF-9648-2	1	"O" RING (gasket), fuel tank cap
5	PGF-13173	2	CLIP
6	835006	2	ELBOW
7		1	WIRE, temperature (see wiring diagram)
8		1	WIRE, oil pressure (see wiring diagram)
9	PGF-18045	1	GAUGE, water, temperature
10	PGF-18046	1	GAUGE, engine oil pressure
11	PGF-13569	1	CONTROL, engine emergency shut-off
12	PGF-14668	1	HOSE (5/16" ID x 35-1/8" long)
13	PGF-18414	1	VALVE, needle
14	816003	1	PLUG, drain
15	PGF-18415	1	TANK, fuel
15A	PGF-14505	1	SUPPORT, fuel tank (not shown)
15B	PGF-10808	4	PAD, fuel tank support (not shown)
16	PGF-18447	1	TUBE, filler
18	835008	2	ELBOW
19	816005	1	PLUG, fuel tank
21			PANEL, instrument (see separate page)
22	PGF-18422	1	PRESSURE SENDING UNIT
23	564001	1	ELBOW - 45°
24	547001	1	BUSHING, reducer
25	PGF-12309	1	TOOL, puncturing
26	PGF-18692	1	BRACKET
27	PGF-11400	1	PRIMER, engine
28	PGF-18694	3	ELBOW with nut
29			SUPPORT, instrument panel (see sep. page)
31	PGF-18693	1	TUBE
32	PGF-15071	1	TUBE - primer to intake manifold
33	PGF-11414	1	NOZZLE, elbow
33A		1	BODY) (not sold separately.
33B		1	JET) order Ref. 33)
33C	PGF-11412-3	1	NUT, with sleeve
34	PGF-18445	1	COVER, fuel tank
35	PGF-18446	1	GASKET, cover
36	984015	1	CONNECTOR, male
37	564004	1	ELBOW, 45° street
38	PGF-17850-11	1	CONNECTOR

CUMMINS C-160 DIESEL ENGINE AND RELATED PARTS
(Not illustrated)

ENGINE AND ATTACHING PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18715	1	ENGINE - C-160 (for Pacer 345 - Super 365) - (see engine parts catalog)
2	PGF-18716	1	ENGINE - C-160 with Cummins #133616 flywheel with #4851 ring gear (for Pacer 346 - Super 366) - (see engine parts catalog)
4	PGF-16801	1	FAN (22" dia.)
5	775123	1	SETSCREW, hydraulic pump support adjustment
6	733005	1	NUT, jam (for Ref. 5)
7	PGF-13569	1	CONTROL, emergency shut-off (Pacer 345 - Super 365)
8	PGF-16834	1	BRACKET (for Ref. 7)
8A	PGF-18419	1	BRACKET (machine #345-7786 and 365-7796 and up)
9	PGF-16414	1	LINK
10	PGF-16415	1	BRACKET, bell crank
11	HCF-3606	1	CLAMP (for Ref. 7)
12	PGF-16550	1	SUPPORT, engine, front
13	WRF-1262	2	BOLT, front engine support (to frame)
14	PGF-5909	2	WASHER (for Ref. 13)
15	737005	2	NUT, slotted (for Ref. 13)
16	PGF-16105	2	STUD, front engine support (to engine)
17	734007	4	NUT, slotted
18	PGF-17645	1	SUPPORT, engine, rear, R.H.
19	PGF-17644	1	SUPPORT, engine, rear, L.H.
20	ASF-5112	8	STUD, engine support, rear
21	PGF-16100	1	BOLT, engine support, rear, R.H.
22	PGF-16099	1	BOLT, engine support, rear, L.H.
23	PGF-16102	2	WASHER (for Ref. 21 and 22)

RADIATOR, CONNECTIONS AND ATTACHING PARTS

24	PGF-16387	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 345 - Super 365) - (includes #562087 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
25	PGF-16059	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 346 - Super 366) - (includes #562088 radiator, #562089 cap, #562045 overflow tube and #562046 shell)
26	PGF-16007	1	SHROUD
27	PG-2440	1	ELBOW, lower
28	PG-2297	1	ELBOW, upper
29	PGF-9339	1	PETCOCK, lower connection
30	PGF-14564	1	COVER, lower outlet (on Pacer 346 - Super 366)
31	PGF-10792	3	GASKET, upper and lower connections (2 used only on Pacer 345 and Super 365)
32	PGF-16127	1	HOSE, lower (2-1/4" ID x 16")
33	HCF-2815	1	HOSE, upper (2" ID x 14")
34	HCF-4452-4	4	CLAMP, hose
35	PGF-14523	2	ROD, tie, radiator
36	782006	2	YOKE, radiator tie rod
37	783006	2	PIN, radiator tie rod yoke

(continued)

(Continued from preceding page)

RADIATOR SHUTTERS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
38	PGF-15208	1	PLATE, outer
39	PGF-15218	1	HANDLE, shutter
40	PGF-15206	1	STUD, shutter
41	PGF-15656	1	SHUTTER, radiator
42	PGF-15217	4	BOLT
43	PGF-6505	4	SPRING

MUFFLER AND ATTACHING PARTS

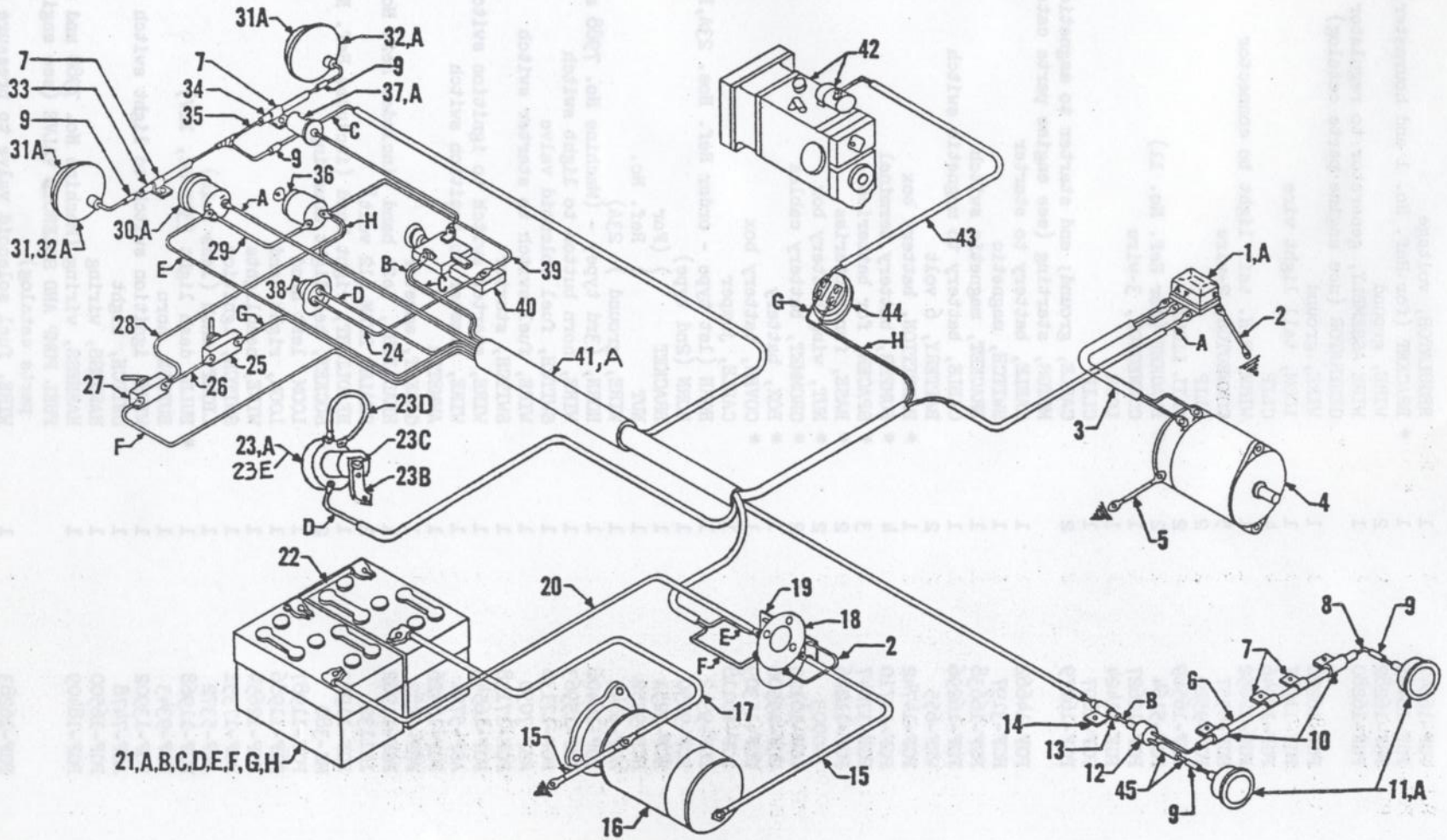
44	PGF-16143	1	MUFFLER
45	HCF-5293	1	CLAMP
46	533452	1	EXHAUST PIPE
47	921005	3	NUT, exhaust pipe bolt (brass)

AIR CLEANER AND ATTACHING PARTS (OIL BATH TYPE)

48	PGF-17275	1	AIR CLEANER (includes #035091 body, #035092 housed element, #035093 oil cup, and #035094 oil cup retaining clamp)
49	PGF-13640	1	EXTENSION, stack
50	PGF-12211	1	CAP, stack extension
51	PGF-13200	2	BAND, mounting
52	PGF-16267	1	TUBE
53	PG-2464	1	FLANGE, adapter, air intake
54	PGF-16139	1	GASKET, air intake flange
55	PGF-16096	1	HOSE, reducer (4" to 3-1/2" ID x 4-1/2")
56	PGF-15072	1	HOSE, (3-1/2" ID x 4")
57	HCF-4452-6	8	CLAMP, hose

AIR CLEANER AND ATTACHING PARTS (DRY TYPE)

58	PGF-17747	1	AIR CLEANER (includes #035095 cover, #035096 cover gasket, #035125 cartridge, #035098 cartridge gasket, #035099 dust cup, #035100 dust cup gasket, #035094 cup clamp, #035123 cover, inner and #035124 gasket, inner cover)
59	PGF-17147	1	TUBE, stack extension
60	PGF-17150	1	HOOD, stack extension
61	PGF-13200	3	BAND, mounting
62	PGF-17149	1	SUPPORT, extension
63	PGF-11559	1	U-BOLT, extension support
64	PGF-18062	1	HOSE, (4" ID x 3-1/2") - (for Ref. 59)
65	PGF-17843-3	1	HOSE, reducer (4" ID to 3-1/2" ID x 5" LG.) (for Ref. 66)
66	PGF-17539	1	TUBE
67	PG-2464	1	FLANGE, adapter, air intake
68	PGF-16139	1	GASKET, air intake flange
69	PGF-15072	1	HOSE (3-1/2" ID x 4")-(for Ref. 66-engine end)
70	HCF-4452-6	12	CLAMP, hose
71	PGF-16119	1	SUPPORT
72	PGF-18635	1	BRACE
73	742318	2	BOLT, band
74	PGF-18411	1	INDICATOR



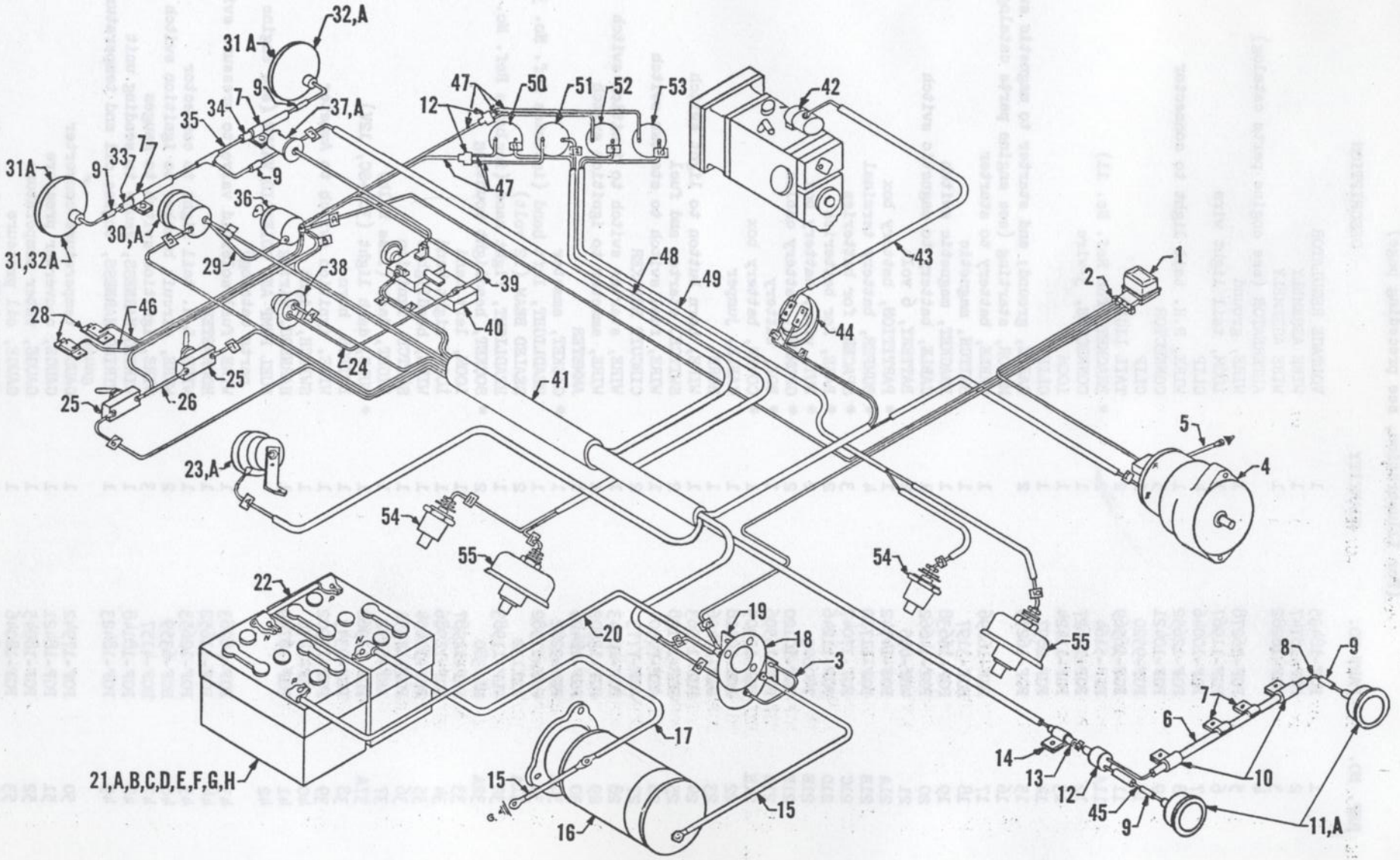
(For Part Numbers, see next page)

ELECTRICAL ACCESSORIES FOR CUMMINS C-160 ENGINE

ELECTRICAL ACCESSORIES FOR CUMMINS C-160 ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16647	1	REGULATOR, voltage
1A	PGF-16485	1	* BRACKET (for Ref. No. 1 and hourmeter)
2	PGF-16282	2	WIRE, ground
3	PGF-16280	1	WIRE ASSEMBLY, generator to regulator
4			GENERATOR (see engine parts catalog)
5	PGF-16278	1	WIRE, ground
6	PGF-11967	1	LOOM, tail light wire
7	PGF-10046	4	CLIP
8	PGF-12652	1	WIRE, R.H. tail light to connector
9	HCF-6357	5	CONNECTOR, 2-wire
10	PGF-9520	2	CLIP
11	PGF-16569	2	TAIL LIGHT
11A	PGF-5164	2	* BRACKET (for Ref. No. 11)
12	PGF-12627	1	CONNECTOR, 3-wire
13	PGF-11424	1	LOOM
14	PGF-2897	1	CLIP
15	PGF-16279	2	CABLE, ground; and starter to magnetic switch
16			MOTOR, starting (see engine parts catalog)
17	PGF-14662	1	CABLE, battery to starter
18	HCF-3197	1	SWITCH, magnetic
19	PGF-16638	1	BRACKET, magnetic switch
20	PGF-16296	1	CABLE, battery to magnetic switch
21	WRF-655	2	BATTERY, 6 volt
21A	PGF-14742	1	* PARTITION, battery box
21B	PGF-11710	4	* BUMPER, battery terminal
21C	PGF-17047	3	* SPACER, for batteries
21D	PGF-11246	2	* BASE, for batteries
21E	740003	2	* NUT, wing battery box
21F	PGF-10120	2	* GROMMET, battery cables
21G	PGF-15506	1	* BOX, battery
21H	PGF-15309	1	* COVER, battery box
22	PGF-10118	1	CABLE, jumper
23	PGF-9342	1	HORN (1st type - order Ref. Nos. 23A,B,C, and D)
23A	HCF-9250	1	HORN (2nd type)
23B	HCF-9251	1	BRACKET) (For
23C	HCF-9252	1	NUT) Ref. No.
23D	HCF-6145	1	WIRE, ground) 23A)
23E	PGF-18406	1	HORN, (3rd type) - (Machine No. 7988 and up)
24	PGF-15963	1	WIRE, horn button to light switch
25	PGF-17138	1	SWITCH, fuel solenoid valve
26	ASF-7050	1	WIRE, fuel switch to starter switch
27	PGF-17138	1	SWITCH, starter
28	PGF-16543	1	WIRE, starter switch to ignition switch
29	ASF-5791	1	WIRE, ammeter to ignition switch
30	PGF-18426	1	AMMETER
30A	PGF-9282	1	* GASKET, ammeter
31	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 31A)
31A	121132	2	SEALED BEAM (12 volt)
32	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 31A)
32A	MS-380	2	* SOCKET, headlight mounting
33	PGF-11987	1	LOOM, left hand
34	PGF-11986	1	LOOM, right hand
35	PGF-12654	1	WIRE, headlights
36	PGF-17351	1	SWITCH, ignition
37	ASF-5372	1	LIGHT, dash (less bulb)
37A	PGF-11968	1	* BULB, dash light (3CP-SC, 12V)
38	PGF-9343	1	BUTTON, horn
39	PGF-13902	1	WIRE, ignition switch to light switch
40	ASF-7478	1	SWITCH, light
41	PGF-16500	1	HARNESS, wiring
41A	PGF-18409	1	HARNESS, wiring (Machine No. 7988 and up)
42			FUEL PUMP AND SOLENOID VALVE (see engine parts catalog)
43	PGF-16283	1	WIRE, fuel solenoid valve to pressure switch
44	PGF-11652	1	SWITCH, pressure
45	PGF-12653	1	WIRE, L.H. tail light to connector

Note: * Parts not illustrated.

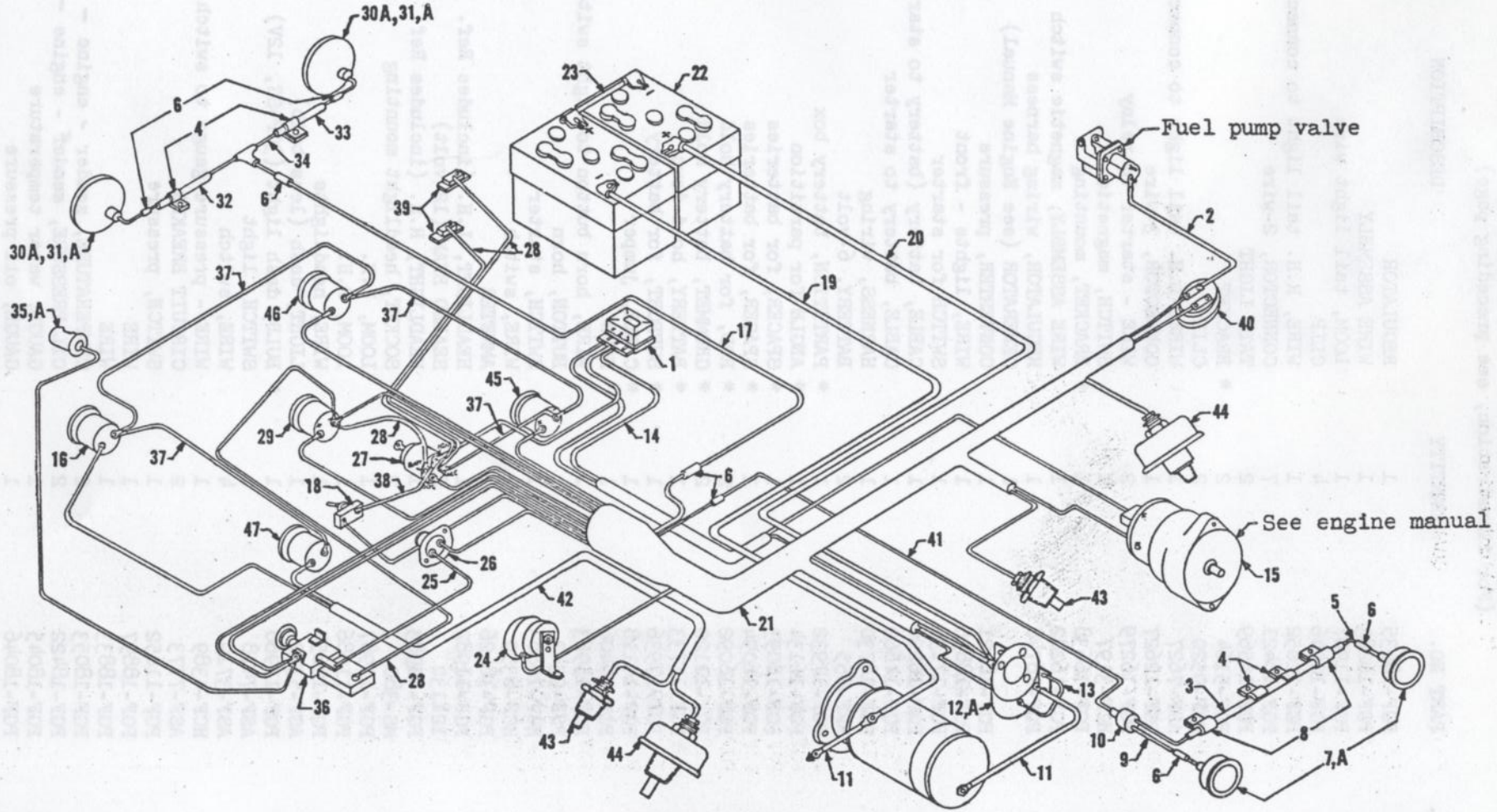


(For Part Numbers, see next page)

Electrical Accessories For Cummins C-160 Engine

ELECTRIC ACCESSORIES FOR CUMMINS C-160 ENGINE
(For Illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18435	1	VOLTAGE REGULATOR
2	PGF-18747	1	WIRE ASSEMBLY
3	PGF-16282	1	WIRE ASSEMBLY
4			ALTERNATOR (see engine parts catalog)
5	PGF-16278	1	WIRE, ground
6	PGF-11967	1	LOOM, tail light wire
7	PGF-10046	4	CLIP
8	PGF-12652	1	WIRE, R.H. tail light to connector
9	PGF-10421	5	CONNECTOR
10	PGF-9520	2	CLIP
11	PGF-16569	2	TAIL LIGHT
11A	PGF-5164	2	* BRACKET (for Ref. No. 11)
12	PGF-12627	1	CONNECTOR, 3-wire
13	PGF-11424	1	LOOM
14	PGF-2897	1	CLIP
15	PGF-16279	2	CABLE, ground; and starter to magnetic switch
16			MOTOR, starting (see engine parts catalog)
17	PGF-16296	1	CABLE, battery to starter
18	HCF-3197	1	SWITCH, magnetic
19	PGF-16638	1	BRACKET, magnetic switch
20	PGF-14662	1	CABLE, battery to magnetic switch
21	WRF-655	2	BATTERY, 6 volt
21A	PGF-14742	1	* PARTITION, battery box
21B	PGF-11710	4	* BUMPER, battery terminal
21C	PGF-17047	3	* SPACER, for batteries
21D	PGF-11246	2	* BASE, for batteries
21E	740003	2	* NUT, wing, battery box
21F	PGF-10120	2	* GROMMET, battery cables
21G	PGF-15506	1	* BOX, battery
21H	PGF-15309	1	* COVER, battery box
22	PGF-10118	1	CABLE, jumper
23	PGF-18406	1	HORN
24	PGF-15963	1	WIRE, horn button to light switch
25	PGF-17138	2	SWITCH, starter and fuel
26	ASF-7050	1	WIRE, fuel switch to starter switch
27	ASF-7773	2	CIRCUIT BREAKER
28	PGF-16543	1	WIRE, starter switch to ignition switch
29	PGF-13902	1	WIRE, ammeter to ignition switch
30	PGF-18426	1	AMMETER
30A	PGF-9282	1	* GASKET, ammeter
31	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 31A)
31A	121132	2	SEALED BEAM (12 volt)
32	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 31A)
32A	MS-380	2	* SOCKET, headlight mounting
33	PGF-11987	1	LOOM, left hand
34	PGF-11986	1	LOOM, right hand
35	PGF-12654	1	WIRE, headlights
36	PGF-17351	1	SWITCH, ignition
37	ASF-5372	1	LIGHT, dash (less bulb)
37A	PGF-11968	1	* BULB, dash light (3CP-SC, 12V)
38	PGF-9343	1	BUTTON, horn
39	PGF-13902	1	WIRE, ignition switch to Ammeter
40	ASF-7478	1	SWITCH, light
41	PGF-18749	1	HARNESS, wiring
42			FUEL PUMP AND SOLENOID VALVE (see engine parts catalog)
43	PGF-16283	1	WIRE, fuel solenoid valve to pressure switch
44	PGF-11652	1	HOURMETER
45	PGF-12653	1	WIRE, L.H. tail light to connector
46	HCF-6359	2	WIRE, circuit breaker to ignition switch
47	HCF-4157	3	WIRE, ignition switch to gauges
48	PGF-18148	1	WIRING HARNESS, gauge to sending unit
49	PGF-18423	1	WIRING HARNESS, engine oil and temperature gauge
50	PGF-17942	1	GAUGE, temperature converter
51	PGF-18421	1	GAUGE, converter pressure
52	PGF-18045	1	GAUGE, water temperature
53	PGF-18046	1	GAUGE, oil pressure
54	PGF-18053	2	SENDING UNIT, water temperature
55	PGF-18422	2	SENDING UNIT, pressure



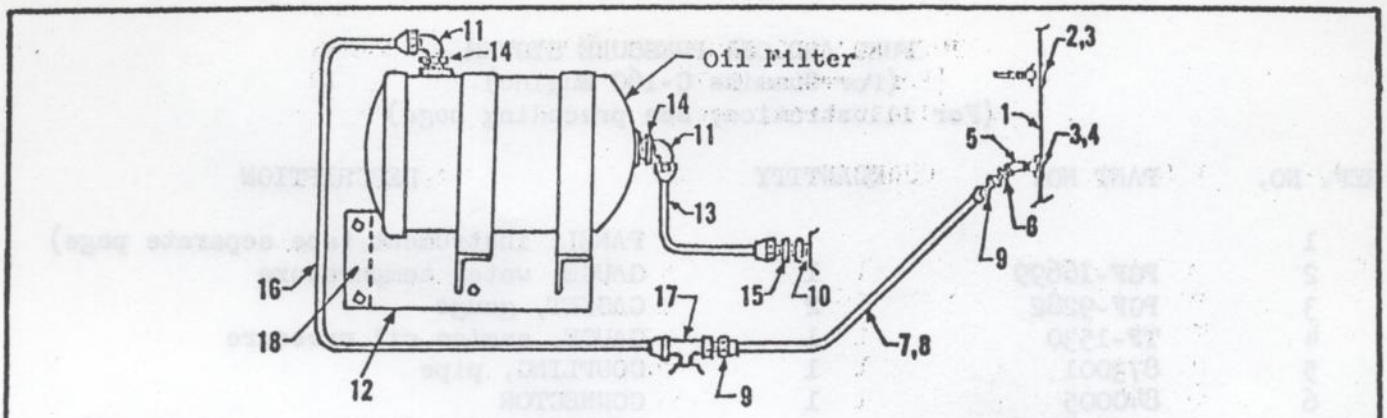
(For Part Numbers, see next page)

ELECTRICAL ACCESSORIES FOR CUMMINS C-160 ENGINE
(55 AMP)

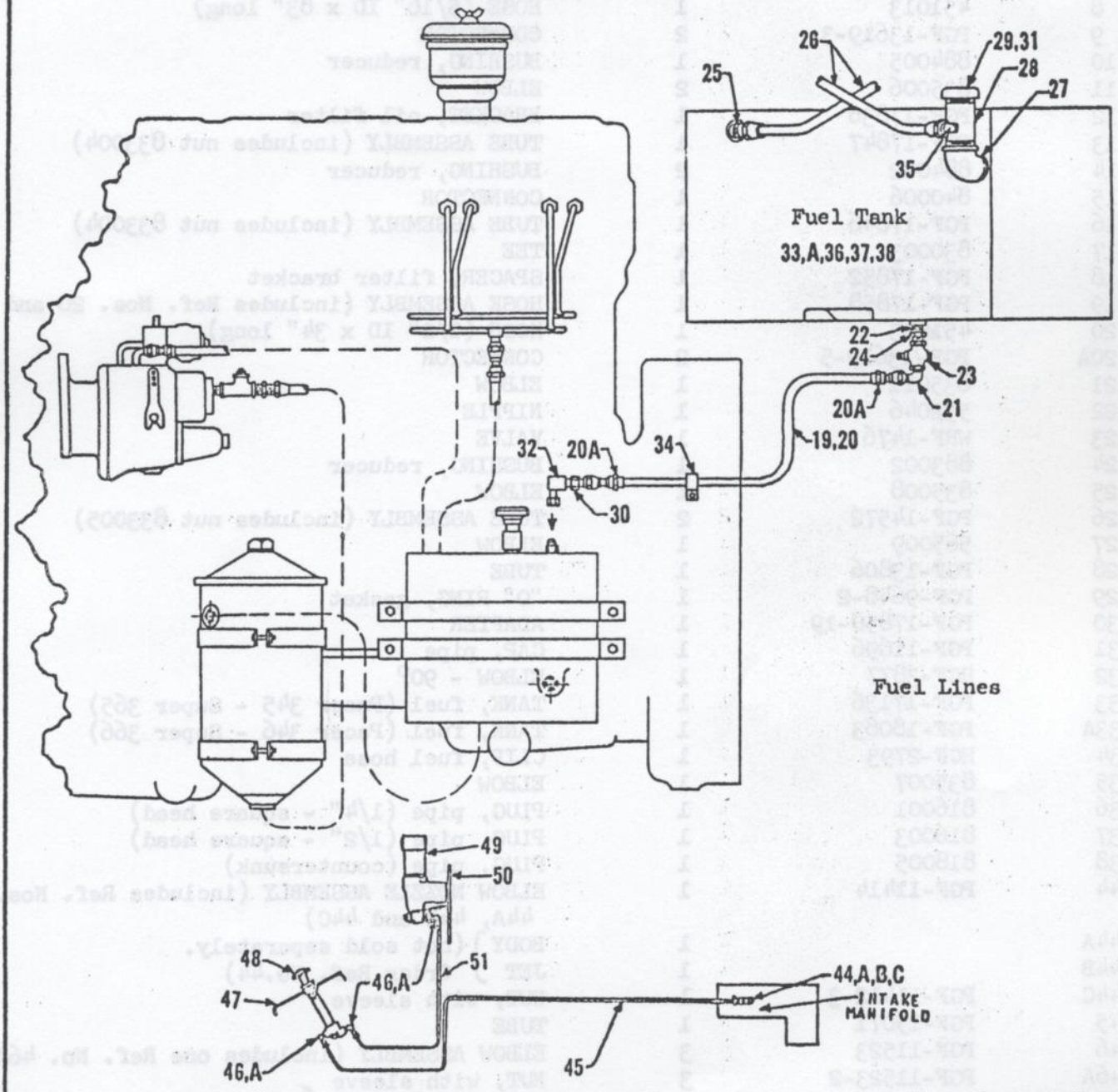
ELECTRICAL ACCESSORIES FOR CUMMINS ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18435	1	REGULATOR
2	PGF-16283	1	WIRE ASSEMBLY
3	PGF-11967	1	LOOM, tail light wire
4	PGF-10046	4	CLIP
5	PGF-12652	1	WIRE, R.H. tail light to connector
6	PGF-10421	7	CONNECTOR, 2-wire
7	PGF-16569	2	TAIL LIGHT
7A	PGF-5164	2	* BRACKET
8	PGF-9520	2	CLIP
9	ASF-7627	1	WIRE, L.H. tail light to connector
10	PGF-12627	1	CONNECTOR, 3-wire
11	PGF-16279	2	WIRE - starter to relay
12	HCF-3197	1	SWITCH, magnetic
12A	PGF-16638	1	* BRACKET, mounting
13	PGF-16282	1	WIRE ASSEMBLY, magnetic switch to ground
14	PGF-18748	1	REGULATOR, wiring harness
15		1	GENERATOR (see Engine Manual)
16	PGF-18421	1	CONVERTER, pressure
17	PGF-18896	1	WIRE, lights - front
18	PGF-17138	1	SWITCH for starter
19	PGF-16296	1	CABLE, battery (battery to starter)
20	PGF-14662	1	CABLE, battery to starter
21	PGF-18730	1	HARNESS, wiring
22	WRF-655	2	BATTERY, 6-volt
22A	PGF-17932	1	* PARTITION, battery box
22B	PGF-16134	1	* ANGLE for partition
22C	PGF-16093	1	* SPACER, for batteries
22D	PGF-16094	1	* SPACER, for batteries
22E	PGF-16092	2	* ROD, for battery hold
22F	PGF-10120	2	* GROMMET, battery hold
22G	PGF-17733	1	* BATTERY, hold down
22H	PGF-17936	1	* SUPPORT, for battery
23	PGF-10118	1	* CABLE, jumper
24	PGF-18406	1	HORN
25	PGF-15963	1	WIRE, horn button to light switch
26	PGF-9343	1	BUTTON, horn
27	HCF-10883	1	SWITCH, starter
28	HCF-6359	4	WIRE, switch
29	PGF-18426	1	AMMETER
30	PGF-11982	1	HEADLIGHT, L.H. (includes Ref. 30A)
30A	121132	2	SEALED BEAM (12 volt)
31	PGF-11983	1	HEADLIGHT, R.H. (includes Ref. 30A)
31A	MS-380	2	* SOCKET, headlight mounting
32	PGF-11987	1	LOOM, L.H.
33	PGF-11986	1	LOOM, R.H.
34	PGF-12654	1	WIRE, headlights
35	ASF-5372	1	LIGHT, dash (less bulb)
35A	PGF-11968	1	* BULB, dash light (3CP-SC, 12V)
36	ASF-7478	1	SWITCH, light
37	ASF-3719	4	WIRE, switch
38	HCF-4389	1	WIRE - pressure gauge to switch
39	ASF-7773	2	CIRCUIT BREAKER
40	PGF-11652	1	SWITCH, pressure
41	PGF-18897	1	WIRE
42	PGF-18833	1	WIRE
43	PGF-18053	2	TEMPERATURE, sender - engine - T.C.
44	PGF-18422	2	OIL PRESSURE, sender - engine - T.C.
45	PGF-18045	1	GAUGE, water temperature
46	PGF-18046	1	GAUGE, oil pressure
47	PGF-17942	1	CONVERTER, temperature

Note: * Parts not illustrated.



Oil Pressure Lines



Fuel Lines

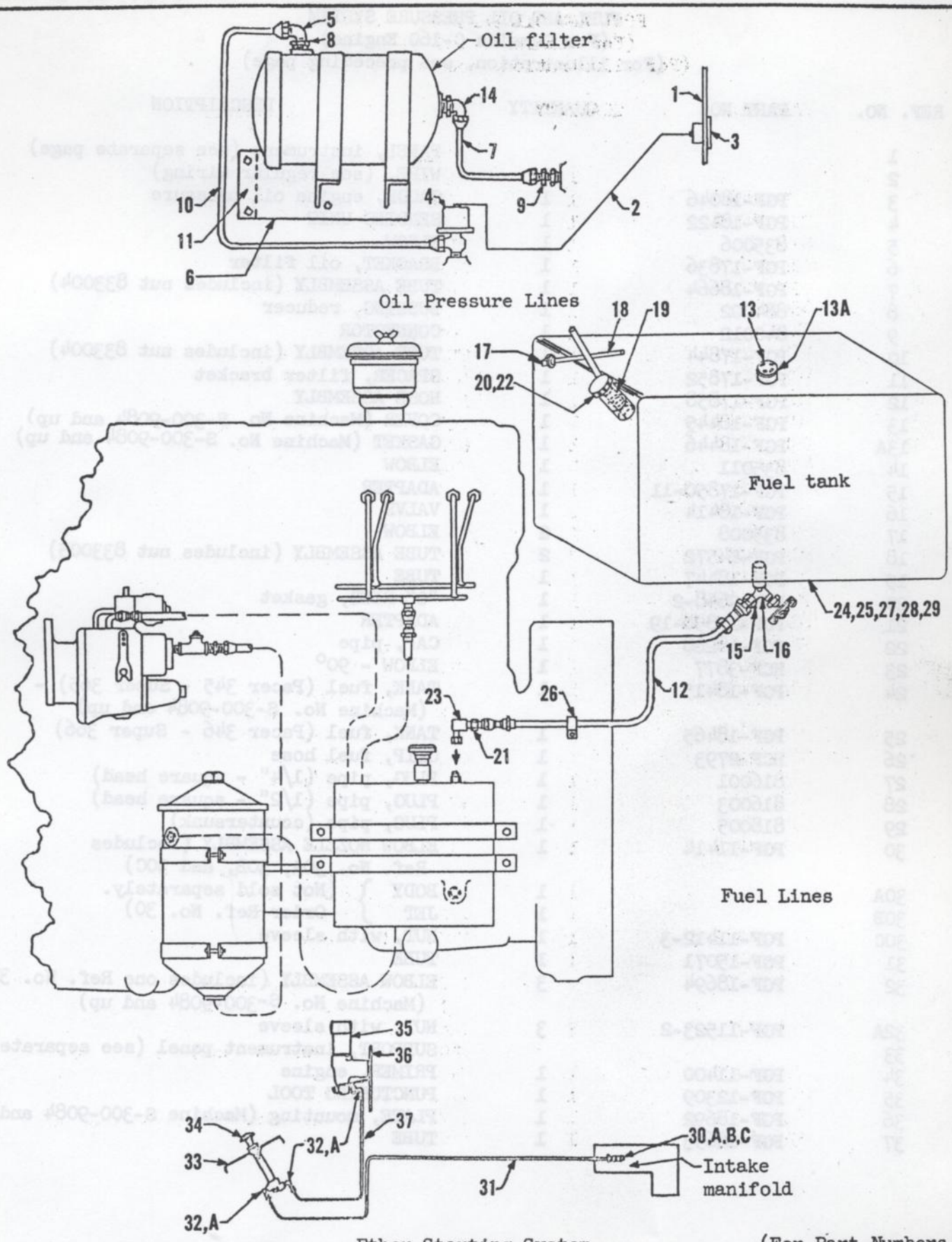
Ether Starting System

(For Part Numbers, see next page)

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160 Engine)

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160 Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			PANEL, instrument (see separate page)
2	PGF-16699	1	GAUGE, water temperature
3	PGF-9282	2	GASKET, gauge
4	TF-1530	1	GAUGE, engine oil pressure
5	873001	1	COUPLING, pipe
6	840005	1	CONNECTOR
7	PGF-14396	1	HOSE ASSEMBLY (includes Ref. Nos. 8 and 9)
8	451013	1	HOSE (5/16" ID x 83" long)
9	PGF-13619-3	2	CONNECTOR
10	884005	1	BUSHING, reducer
11	835006	2	ELBOW
12	PGF-17836	1	BRACKET, oil filter
13	PGF-17847	1	TUBE ASSEMBLY (includes nut 833004)
14	884002	2	BUSHING, reducer
15	840006	1	CONNECTOR
16	PGF-17846	1	TUBE ASSEMBLY (includes nut 833004)
17	830003	1	TEE
18	PGF-17852	1	SPACER, filter bracket
19	PGF-17858	1	HOSE ASSEMBLY (includes Ref. Nos. 20 and 20A)
20	451023	1	HOSE (1/2" ID x 34" long)
20A	PGF-13619-5	2	CONNECTOR
21	835011	1	ELBOW
22	532046	1	NIPPLE
23	WRF-1476	1	VALVE
24	883002	1	BUSHING, reducer
25	835008	1	ELBOW
26	PGF-14572	2	TUBE ASSEMBLY (includes nut 833005)
27	565009	1	ELBOW
28	PGF-13806	1	TUBE
29	PGF-9648-2	1	"O" RING, gasket
30	PGF-17850-19	1	ADAPTER
31	PGF-11696	1	CAP, pipe
32	HCF-3877	1	ELBOW - 90°
33	PGF-17136	1	TANK, fuel (Pacer 345 - Super 365)
33A	PGF-18083	1	TANK, fuel (Pacer 346 - Super 366)
34	HCF-2793	1	CLIP, fuel hose
35	835007	1	ELBOW
36	816001	1	PLUG, pipe (1/4" - square head)
37	816003	1	PLUG, pipe (1/2" - square head)
38	818005	1	PLUG, pipe (countersunk)
44	PGF-11414	1	ELBOW NOZZLE ASSEMBLY (includes Ref. Nos. 44A, 44B and 44C)
44A		1	BODY } (not sold separately.
44B		1	JET } Order Ref. No.44)
44C	PGF-11412-3	1	NUT, with sleeve
45	PGF-15071	1	TUBE
46	PGF-11523	3	ELBOW ASSEMBLY (includes one Ref. No. 46A)
46A	PGF-11523-2	3	NUT, with sleeve
47			SUPPORT, instrument panel (see separate page)
48	PGF-11400	1	PRIMER, engine
49	PGF-12309	1	PUNCTURING TOOL
50	PGF-14756	1	PLATE, mounting
51	PGF-15054	1	TUBE

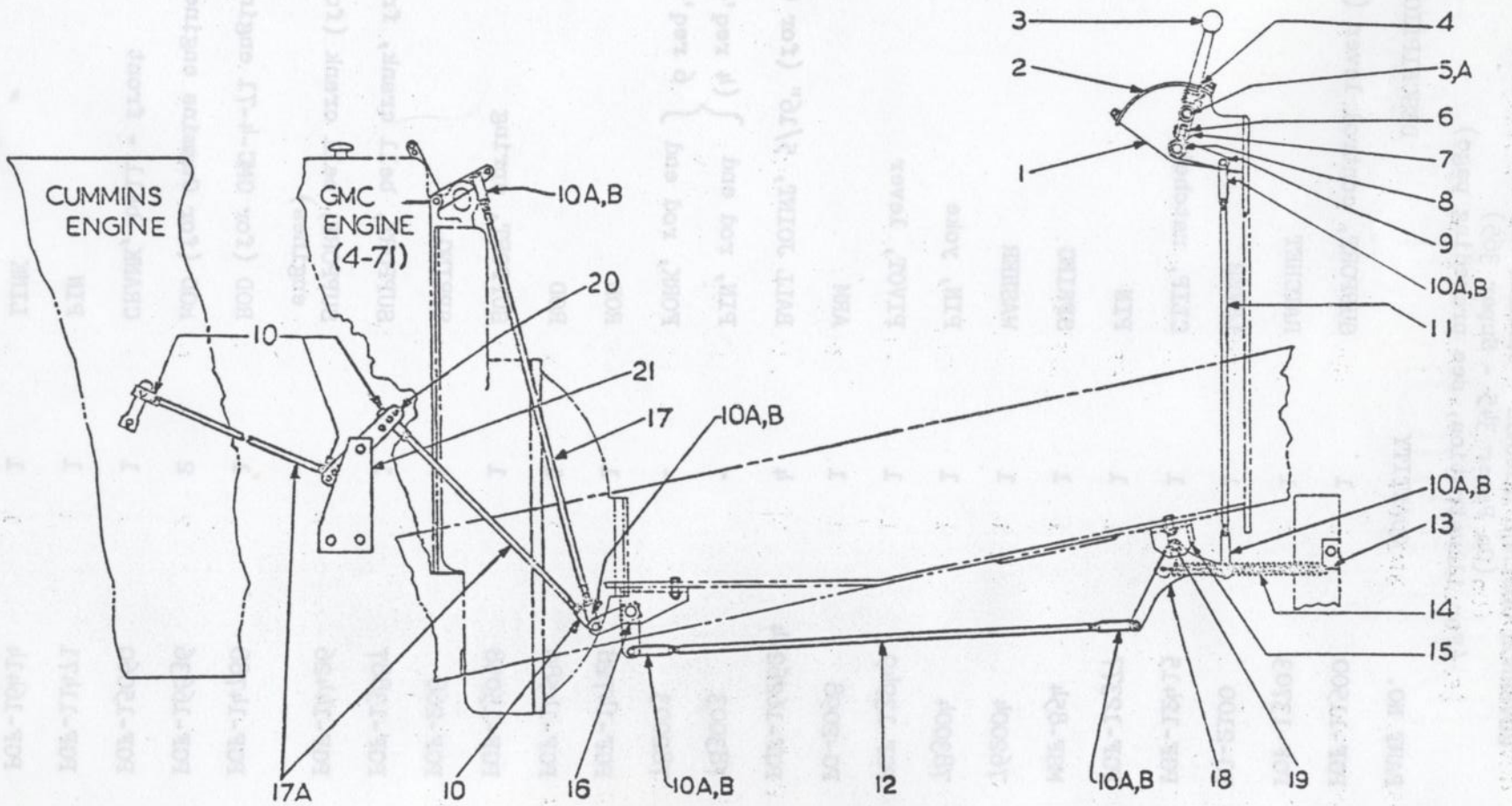


(For Part Numbers, see next page)

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160 Engine)

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160 Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			PANEL, instrument (see separate page)
2		1	WIRE, (see regular wiring)
3	PGF-18046	1	GAUGE, engine oil pressure
4	PGF-18422	1	SENDING UNIT
5	835006	1	ELBOW
6	PGF-17836	1	BRACKET, oil filter
7	PGF-18664	1	TUBE ASSEMBLY (includes nut 833004)
8	884002	1	BUSHING, reducer
9	840012	1	CONNECTOR
10	PGF-17844	1	TUBE ASSEMBLY (includes nut 833004)
11	PGF-17852	1	SPACER, filter bracket
12	PGF-17858	1	HOSE ASSEMBLY
13	PGF-18445	1	COVER (Machine No. S-300-9084 and up)
13A	PGF-18446	1	GASKET (Machine No. S-300-9084 and up)
14	835011	1	ELBOW
15	PGF-17850-11	1	ADAPTER
16	PGF-18414	1	VALVE
17	835008	2	ELBOW
18	PGF-14572	2	TUBE ASSEMBLY (includes nut 833005)
19	PGF-18447	1	TUBE
20	PGF-9648-2	1	"O" RING, gasket
21	PGF-17850-19	1	ADAPTER
22	PGF-18268	1	CAP, pipe
23	HCF-3877	1	ELBOW - 90°
24	PGF-18415	1	TANK, fuel (Pacer 345 - Super 365) - (Machine No. S-300-9084 and up)
25	PGF-18465	1	TANK, fuel (Pacer 346 - Super 366)
26	HCF-2793	1	CLIP, fuel hose
27	816001	1	PLUG, pipe (1/4" - square head)
28	816003	1	PLUG, pipe (1/2" - square head)
29	818005	1	PLUG, pipe (countersunk)
30	PGF-11414	1	ELBOW NOZZLE ASSEMBLY (includes Ref. No. 30A, 30B, and 30C)
30A		1	BODY } (Not sold separately.
30B		1	JET } Order Ref. No. 30)
30C	PGF-11412-3	1	NUT, with sleeve
31	PGF-15071	1	TUBE
32	PGF-18694	3	ELBOW ASSEMBLY (includes one Ref. No. 32A) - (Machine No. S-300-9084 and up)
32A	PGF-11523-2	3	NUT, with sleeve
33			SUPPORT, instrument panel (see separate page)
34	PGF-11400	1	PRIMER, engine
35	PGF-12309	1	PUNCTURING TOOL
36	PGF-18692	1	PLATE, mounting (Machine S-300-9084 and up)
37	PGF-18693	1	TUBE

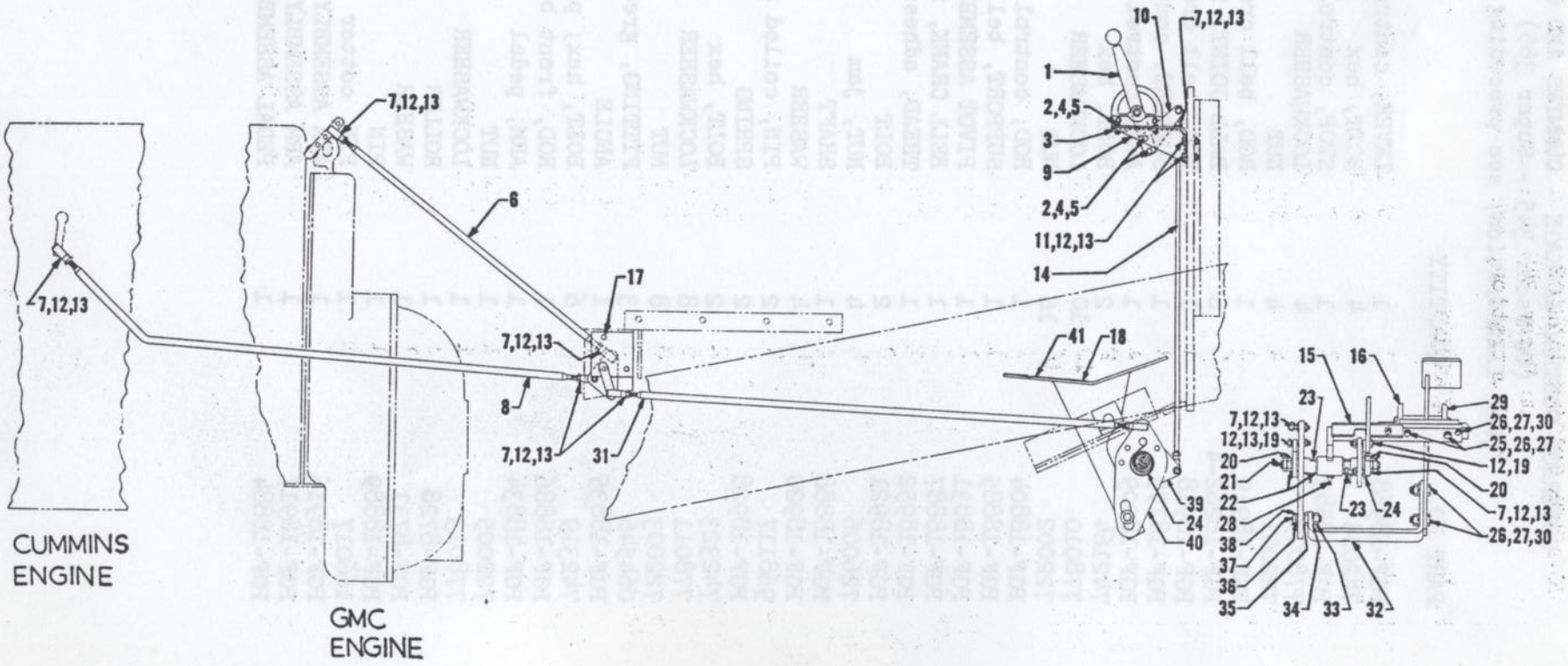


(For Part Numbers, see next page)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(On Pacer 345 - Super 365)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(On Pacer 345 - Super 365)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-11500	1	SUPPORT, control lever (welded on)
2	PGF-13703	1	RATCHET
3	PG-2100	1	LEVER
4	PGF-12415	1	CLIP, ratchet
5	PGF-12377	1	PIN
5A	MSF-854	1	SPRING
6	762004	1	WASHER
7	783004	1	PIN, yoke
8	PGF-13949	1	PIVOT, lever
9	PG-2098	1	ARM
10	PGF-16262-4	4	BALL JOINT, 5/16" (for Cummins engine only)
10A	783003	-	PIN, rod end } (4 req'd for Cummins and
10B	782003	-	FORK, rod end } 6 req'd for GMC engines)
11	PGF-14728	1	ROD
12	PGF-14580	1	ROD
13	PGF-15058	1	SUPPORT, spring
14	PGF-268	1	SPRING
15	PGF-13887	1	SUPPORT, bell crank, front
16	PGF-14426	1	SUPPORT, bell crank (for Cummins & GMC-4-71 engines)
17	PGF-14788	1	ROD (for GMC-4-71 engine only)
17A	PGF-16636	2	ROD (for Cummins engine only)
18	PGF-15060	1	CRANK, bell - front
19	PGF-11471	1	PIN
20	PGF-16414	1	LINK
21	PGF-16415	1	BRACKET

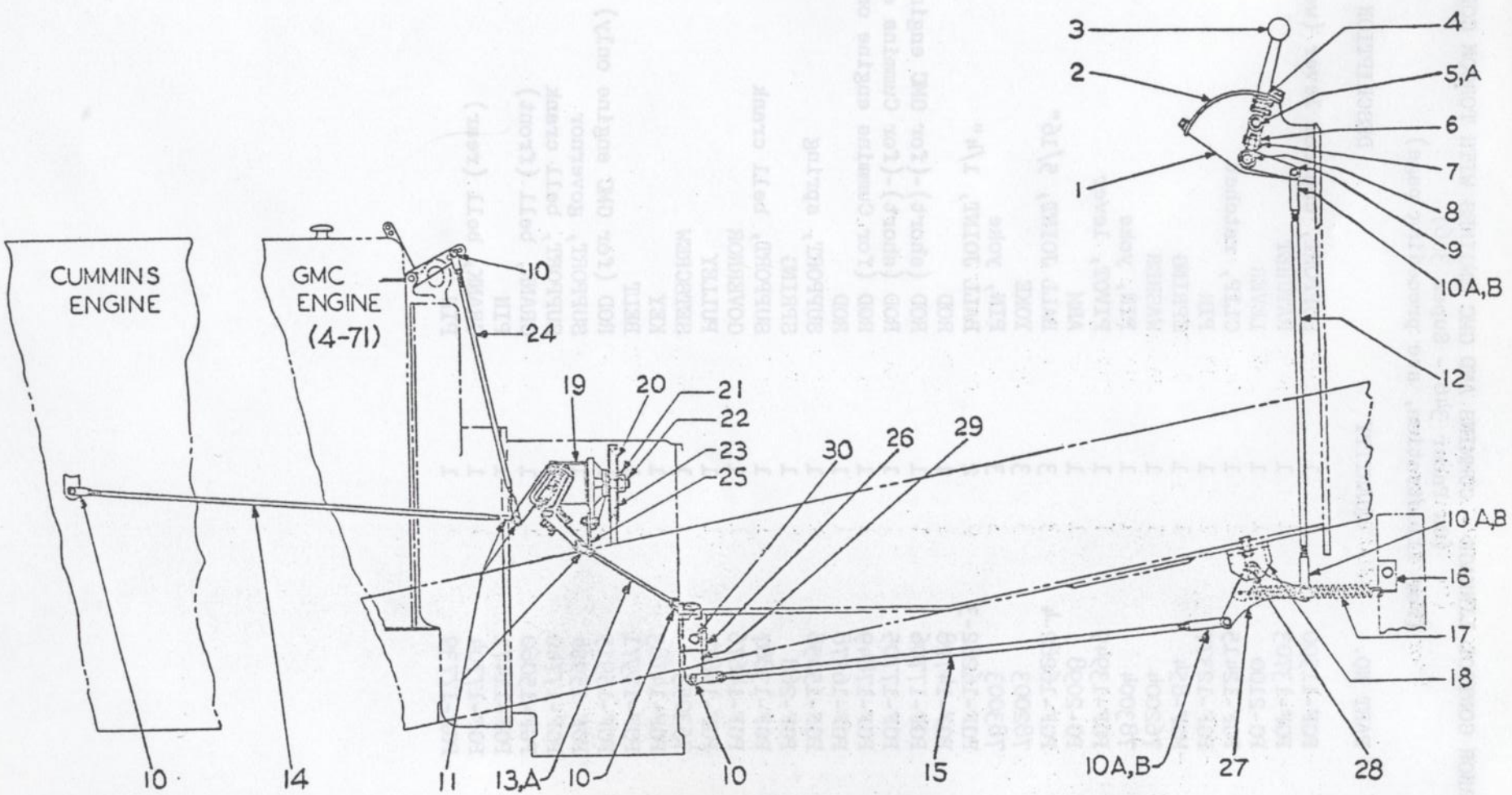


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GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(On Pacer 345 - Super 365)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(On Pacer 345 - Super 365)
(For Illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18968	1	LEVER, control
2	742005	4	BOLT, hex
3	PGF-18583	1	STOP, control lever
4	778009	4	LOCKWASHER
5	722001	4	NUT
6	PGF-18919	1	ROD, bell crank to engine (GMC engine)
7	PGF-16262-4	6	BALL JOINT, for rod - 5/16"
8	PGF-18918	1	ROD, bell crank to engine (Cummins engine)
9	PGF-18795	1	SUPPORT, control lever
10	PGF-18009	1	ARM, control lever
11	742164	2	BOLT, hex
12	778010	10	LOCKWASHER
13	722002	16	NUT
14	PGF-18804	1	ROD, control lever to bell crank
15	PGF-18885	1	SUPPORT, bell crank
16	PGF-18831	1	PIVOT ASSEMBLY, pedal
17	PGF-18887	1	BELL CRANK, rear
18	PGF-18952	1	TREAD, adhesive
19	PGF-18921	2	BOLT
20	726006	4	NUT, jam
21	PGF-18888	1	SHAFT
22	PGF-18920	4	WASHER
23	968117	2	PIN, coiled spring
24	PGF-18928	2	SPRING
25	742323	2	BOLT, hex
26	778011	8	LOCKWASHER
27	722003	8	NUT
28	064546	3	FITTING, grease
29	PGF-18835	1	ANGLE
30	742319	6	BOLT, hex; pivot
31	PGF-18886	1	ROD, front bell crank to rear bell crank
32	PGF-18834	1	ARM, pedal
33	722005	1	NUT
34	778013	1	LOCKWASHER
35	PGF-8728	1	ROLLER
36	PGF-8731	1	WASHER
37	PGF-18889	1	PIN
38	166017	1	PIN, cotter
39	PGF-18916	1	ARM ASSEMBLY, front bell crank
40	PGF-18917	1	ARM ASSEMBLY, front bell crank
41	PGF-18884	1	PEDAL ASSEMBLY

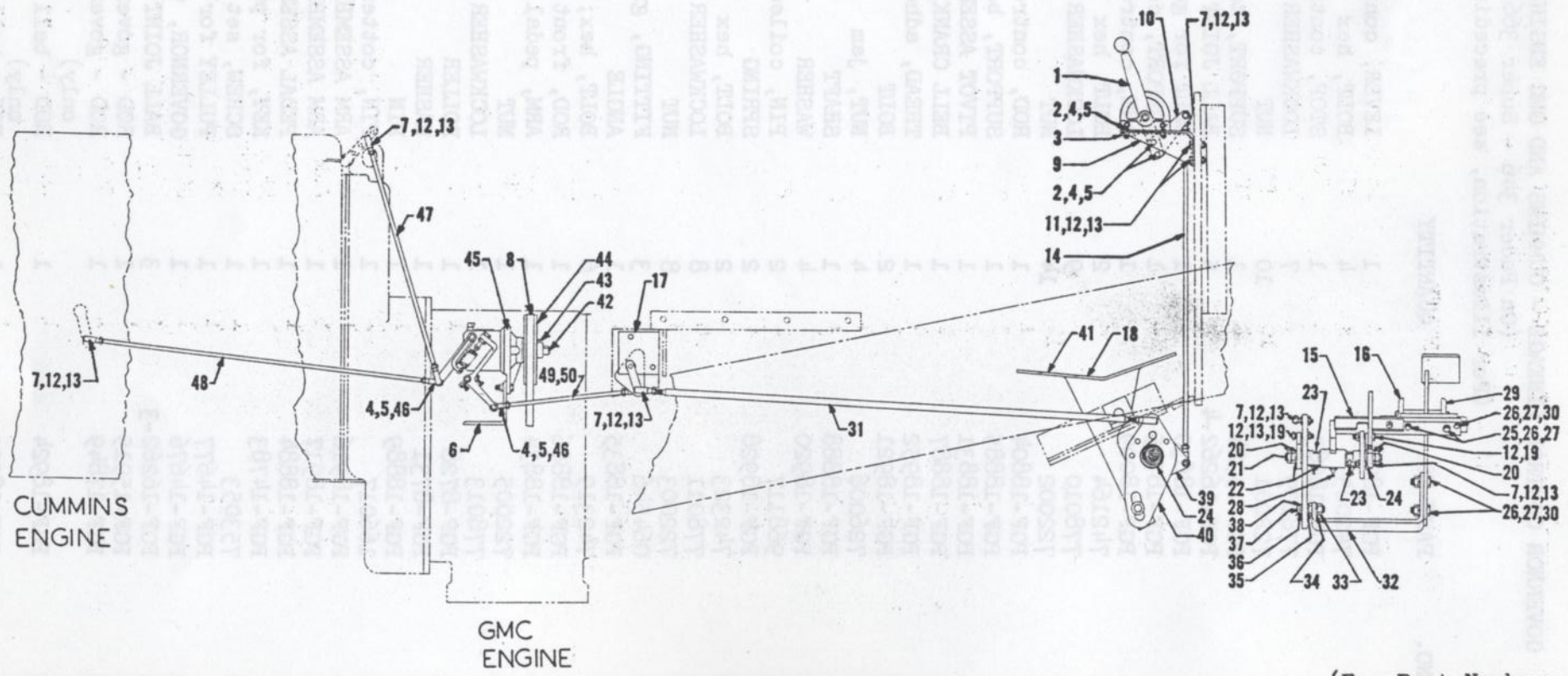


(For Part Numbers, see next page)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES WITH TORCON CONVERTER
(On Pacer 346 - Super 366)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES WITH TORCON CONVERTER
(On Pacer 346 - Super 366)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-11500	1	SUPPORT, control lever (welded on)
2	PGF-13703	1	RATCHET
3	PG-2100	1	LEVER
4	PGF-12415	1	CLIP, ratchet
5	PGF-12377	1	PIN
5A	MSF-854	1	SPRING
6	762004	1	WASHER
7	783004	1	PIN, yoke
8	PGF-13949	1	PIVOT, lever
9	PG-2098	1	ARM
10	PGF-16262-4	3	BALL JOINT, 5/16"
10A	782003	3	YOKE
10B	783003	3	PIN, yoke
11	PGF-16262-3	2	BALL JOINT, 1/4"
12	PGF-14728	1	ROD
13	PGF-17706	1	ROD (short)-(for GMC engine only)
13A	PGF-17705	1	ROD (short)-(for Cummins engine only)
14	PGF-17849	1	ROD (for Cummins engine only)
15	PGF-16378	1	ROD
16	PGF-15058	1	SUPPORT, spring
17	PGF-268	1	SPRING
18	PGF-13887	1	SUPPORT, bell crank
19	PGF-14676	1	GOVERNOR
20	PGF-14677	1	PULLEY
21	753053	1	SETSCREW
22	PGF-14783	1	KEY
23	PGF-15971	1	BELT
24	PGF-15915	1	ROD (for GMC engine only)
25	PGF-15924	1	SUPPORT, governor
26	PGF-17740	1	SUPPORT, bell crank
27	PGF-15060	1	CRANK, bell (front)
28	PGF-11471	1	PIN
29	PGF-17704	1	CRANK, bell (rear)
30	PGF-17739	1	PIN

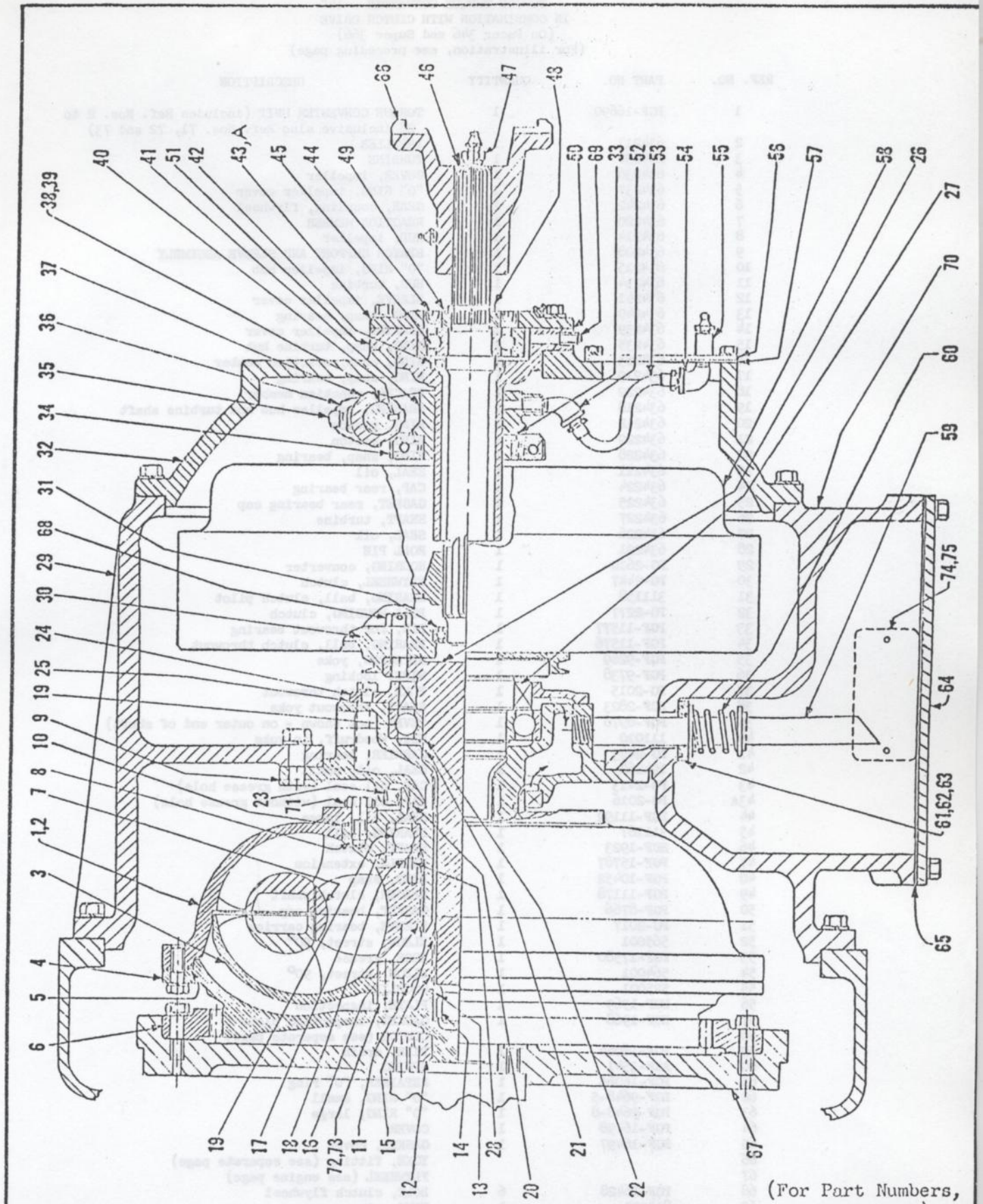


(For Part Numbers, see next page)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES WITH TORCON CONVERTER
(On Pacer 346 - Super 366)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES WITH TORCON CONVERTER
(On Pacer 346 - Super 366)
(For Illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18968	1	LEVER, control
2	742005	4	BOLT, hex
3	PGF-18583	1	STOP, control lever
4	778009	7	LOCKWASHER
5	722001	10	NUT
6	PGF-15924	1	SUPPORT, tail shaft governor
7	PGF-16262-4	5	BALL JOINT for rod - 5/16"
8	PGF-18630	1	BELT for governor
9	PGF-18795	1	SUPPORT, control lever
10	PGF-18009	1	ARM, control lever
11	742164	2	BOLT, hex
12	778010	9	LOCKWASHER
13	722002	14	NUT
14	PGF-18804	1	ROD, control lever to bell crank
15	PGF-18885	1	SUPPORT, bell crank
16	PGF-18831	1	PIVOT ASSEMBLY, pedal
17	PGF-18887	1	BELL CRANK, rear
18	PGF-18952	1	TREAD, adhesive
19	PGF-18921	2	BOLT
20	726006	4	NUT, jam
21	PGF-18888	1	SHAFT
22	PGF-18920	4	WASHER
23	968117	2	PIN, coiled spring
24	PGF-18928	2	SPRING
25	742323	2	BOLT, hex
26	778011	8	LOCKWASHER
27	722003	8	NUT
28	064546	3	FITTING, grease
29	PGF-18835	1	ANGLE
30	742319	6	BOLT, hex; pivot
31	PGF-18886	1	ROD, front bell crank to rear bell crank
32	PGF-18834	1	ARM, pedal
33	722005	1	NUT
34	778013	1	LOCKWASHER
35	PGF-8728	1	ROLLER
36	PGF-8731	1	WASHER
37	PGF-18889	1	PIN
38	166017	1	PIN, cotter
39	PGF-18916	1	ARM ASSEMBLY, front bell crank
40	PGF-18917	1	ARM ASSEMBLY, front bell crank
41	PGF-18884	1	PEDAL ASSEMBLY
42	PGF-14783	1	KEY, for pulley
43	753053	1	SCREW, set
44	PGF-14677	1	PULLEY for governor
45	PGF-14676	1	GOVERNOR, tail shaft
46	PGF-16262-3	3	BALL JOINT - rod
47	PGF-15915	1	ROD - governor to engine (GMC engine only)
48	PGF-17849	1	ROD - governor to engine (Cummins engine only)
49	PGF-18924	1	ROD - bell crank to governor (GMC engine only)
50	PGF-18923	1	ROD - bell crank to governor (Cummins engine only)

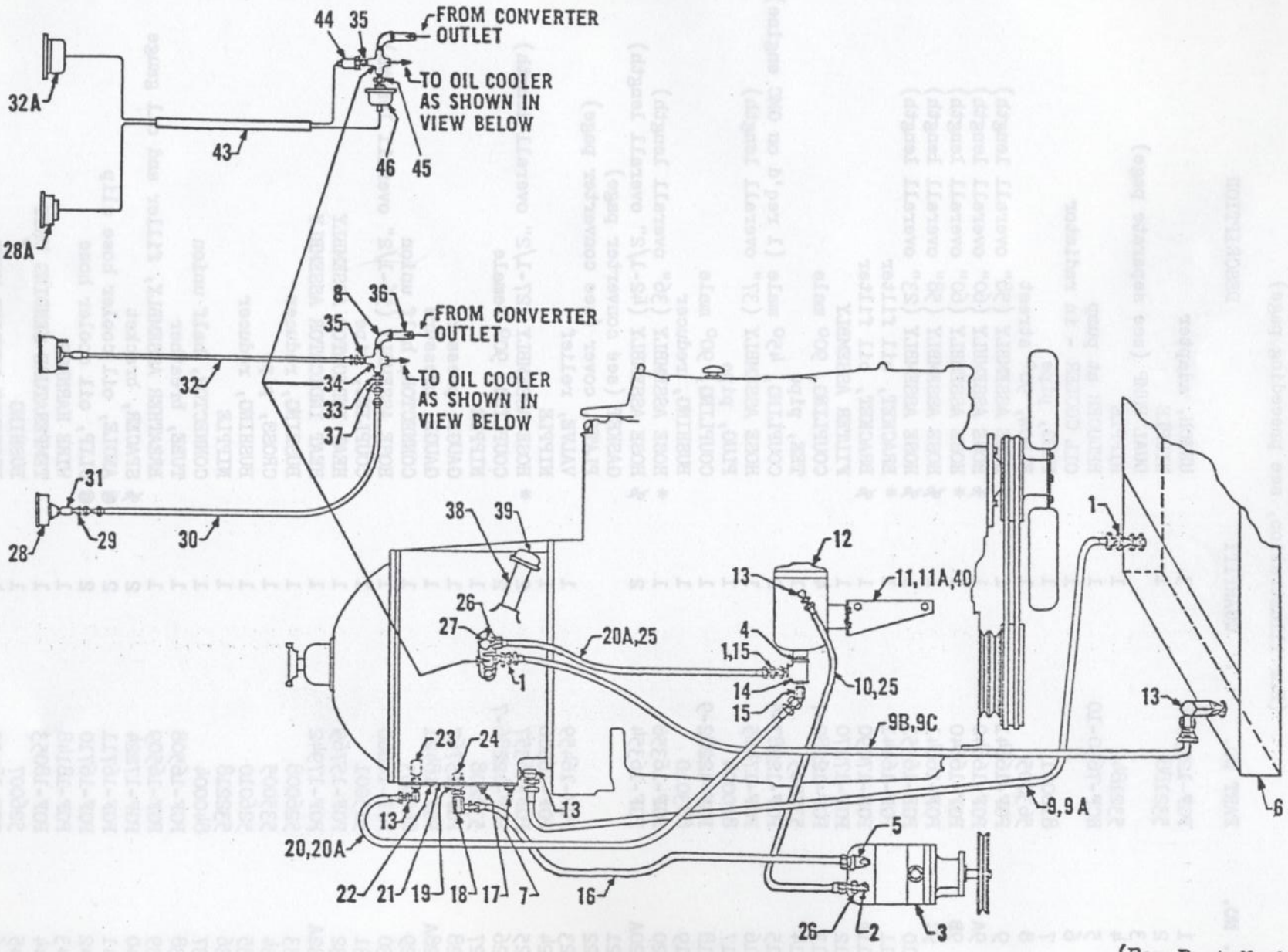


(For Part Numbers, see next page)

TORQUE CONVERTER (14")
IN COMBINATION WITH CLUTCH DRIVE
(On Pacer 346 and Super 366)

TORCON TORQUE CONVERTER - 14"
IN COMBINATION WITH CLUTCH DRIVE
(On Pacer 346 and Super 366)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16690	1	TORQUE CONVERTER UNIT (includes Ref. Nos. 2 to 28 inclusive also Ref. Nos. 71, 72 and 73)
2	634213	1	IMPELLER
3	634230	1	TURBINE
4	634236	1	COVER, impeller
5	634237	1	"O" RING, impeller cover
6	634242	1	GEAR, coupling, flywheel
7	634220	1	REACTION MEMBER
8	634214	1	HUB, impeller
9	634208	1	STATOR SUPPORT AND SLEEVE ASSEMBLY
10	634215	1	"O" RING, impeller hub
11	634234	1	HUB, turbine
12	634241	1	SLEEVE, impeller cover
13	634240	1	RING, snap, bearing
14	634239	1	BEARING, impeller cover
15	634235	2	RING, snap, turbine hub
16	634223	1	RING, snap, reaction member
17	634219	1	RING, snap, bearing
18	634222	1	SPACER, reaction member
19	634218	2	BEARING, impeller hub and turbine shaft
20	634212	1	RING, piston
21	634229	1	RING, piston
22	634228	1	RING, snap, bearing
23	634211	1	SEAL, oil
24	634224	1	CAP, rear bearing
25	634225	1	GASKET, rear bearing cap
26	634227	1	SHAFT, turbine
27	634226	1	SEAL, oil
28	634221	1	ROLL PIN
29	PG-2610	1	HOUSING, converter
30	PG-2447	1	FLYWHEEL, clutch
31	311158	1	BEARING, ball, clutch pilot
32	PG-2277	1	BELL HOUSING, clutch
33	PGF-11577	1	PIN, for throwout bearing
34	PGF-11576	1	BEARING, ball, clutch throwout
35	PGF-9269	1	SETSCREW, yoke
36	PGF-9738	1	WIRE, locking
37	PG-2015	1	YOKE, clutch throwout
38	HCF-2823	1	SHAFT, throwout yoke
39	PGF-8978	1	LEVER (not shown - on outer end of shaft)
40	111010	1	KEY, Woodruff, in yoke
41	PG-2493	1	CARRIER, bearing
42	194262	1	SEAL, oil, small
43	PG-2413	1	CAP, oil seal (with grease hole)
43A	PG-2016	1	CAP, oil seal (without grease hole)
44	PGF-11192	1	SEAL, oil, large
45	311167	1	BEARING, ball
46	HCF-1923	1	SHAFT, clutch
47	PGF-15787	1	NIPPLE, extension
48	PGF-10452	1	RING, snap
49	PGF-11178	1	SPACER, clutch shaft
50	PGF-8766	1	GASKET, bearing cap
51	PG-2017	1	SLEEVE, bearing carrier
52	565001	1	ELBOW, street, 90°
53	PGF-17580	1	HOSE, grease
54	564001	1	ELBOW, street, 90°
55	525001	1	COUPLING
56	HCF-1969	1	PLATE, inspection
57	HCF-1968	1	GASKET, inspection plate
58			CLUTCH (see separate page)
59	PGF-16064	1	PIPE, drain
60	ASF-3541	1	SPRING
61	PGF-16065	1	RETAINER, "O" ring
62	PGF-9648-5	1	"O" RING, small
63	PGF-9648-8	1	"O" RING, large
64	PGF-16498	1	COVER
65	PGF-16497	1	GASKET, cover
66			YOKE, fitting (see separate page)
67			FLYWHEEL (see engine page)
68	PGF-16428	6	BOLT, clutch flywheel
69	813000	1	PLUG, pipe
70	164046	1	PLUG, expansion, 1-5/8" dia. (not shown)
71	634217	4	LOCK PLATE, impeller hub screw
72	634231	8	SCREW, turbine hub
73	634232	8	WASHER, lock, turbine hub screw
74	PGF-17650	1	PLATE, name, converter serial number
75	751020	2	SCREW, converter serial number plate



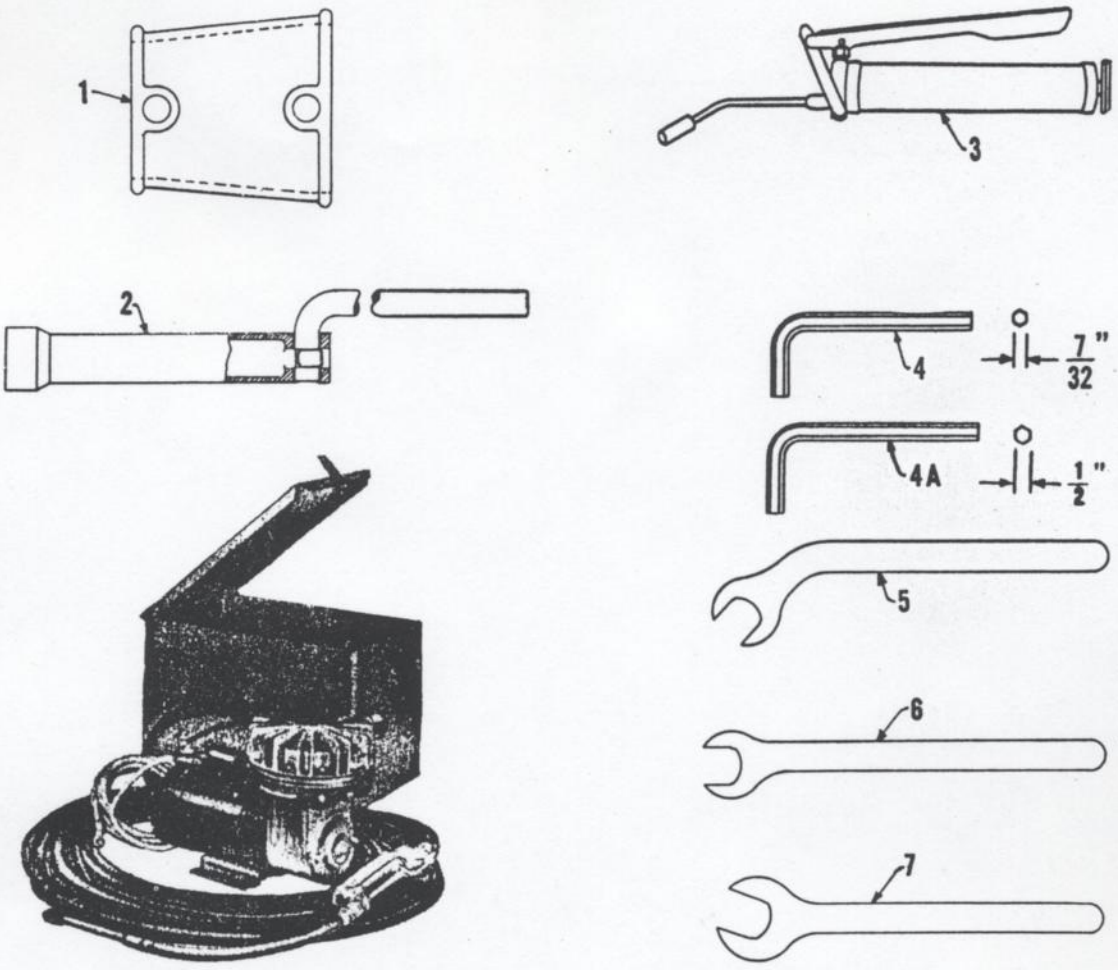
INSTRUMENTS, PIPING AND CONNECTIONS
(Torcon Torque Converter and Dry Clutch)
(Pacer 346 - Super 366)

(For Part Numbers, see next page)

INSTRUMENTS, PIPING AND CONNECTIONS
(Torcon Torque Converter and Dry Clutch)
(Pacer 346 and Super 366)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-12294-8	3	UNION, adapter
2	532188	1	NIPPLE
3			DUAL PUMP (see separate page)
4	532184	1	NIPPLE
5	HCF-7630-10	1	REDUCER at pump
6		1	OIL COOLER - in radiator
7	810001	1	PLUG, pipe
8	563005	1	ELBOW, 90° street
9	PGF-16641	1	* HOSE ASSEMBLY (58" overall length)
9A	PGF-16640	1	% HOSE ASSEMBLY (60" overall length)
9B	PGF-16640	1	* HOSE ASSEMBLY (60" overall length)
9C	PGF-16641	1	% HOSE ASSEMBLY (58" overall length)
10	PGF-16351	1	% HOSE ASSEMBLY (23" overall length)
11	PGF-16441	1	* BRACKET, oil filter
11A	PGF-17090	1	% BRACKET, oil filter
12	PGF-17270	1	FILTER ASSEMBLY
13	PGF-12282-7	4	COUPLING, 90° male
14	537005	1	TEE, pipe
15	PGF-12287-5	2	COUPLING, 45° male (1 req'd on GMC engine)
16	PGF-17465	1	HOSE ASSEMBLY (37" overall length)
17	810004	1	PLUG, pipe
18	PGF-12282-9	1	COUPLING, 90° male
19	883010	1	BUSHING, reducer
20	PGF-16356	1	* HOSE ASSEMBLY (36" overall length)
20A	PGF-16354	2	% HOSE ASSEMBLY (42-1/2" overall length)
21			GASKET (see converter page)
22			PLATE, cover (see converter page)
23	PGF-16459	1	VALVE, relief
24	PGF-16506	1	NIPPLE
25	PGF-16357	2	* HOSE ASSEMBLY (27-1/2" overall length)
26	PGF-12286-7	2	COUPLING, 90° female
27	532208	1	NIPPLE
28	PGF-15767	1	GAUGE, pressure
28A	PGF-18421	1	GAUGE, pressure
29	840003	1	CONNECTOR, half union
30	PGF-14660	1	HOSE ASSEMBLY (56-1/2" overall length)
31	525001	1	COUPLING, pipe
32	PGF-15769	1	HEAT INDICATOR ASSEMBLY
32A	PGF-17942	1	HEAT INDICATOR ASSEMBLY
33	526008	1	BUSHING, reducer
34	535005	1	CROSS, pipe
35	526010	1	BUSHING, reducer
36	532218	1	NIPPLE
37	840004	1	CONNECTOR, half union
38	PGF-16508	1	TUBE, breather
39	PGF-16509	1	BREATHER ASSEMBLY, filler and oil gauge
40	PGF-17224	2	% SPACER, bracket
41	PGF-16711	2	@ ANGLE, oil cooler hose clip
42	PGF-16710	2	@ CLIP, oil cooler hose
43	PGF-18148	1	WIRE HARNESS
44	PGF-18053	1	TEMPERATURE SENDING UNIT
45	526007	1	BUSHING
46	PGF-18422	1	PRESSURE SENDING UNIT

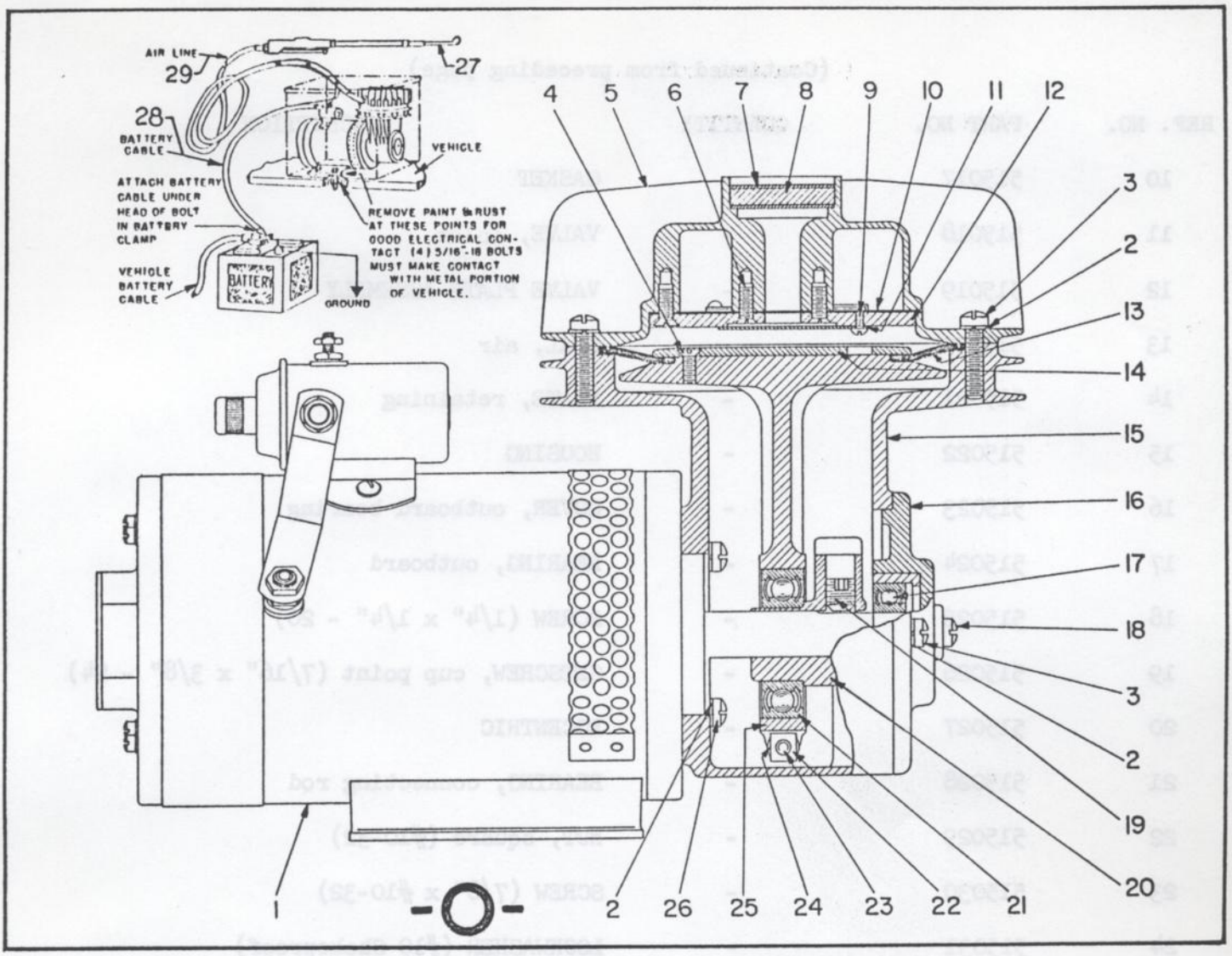
Note: * GMC engine only.
% Cummins engine only.
@ Indicates parts not illustrated.



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TOOLS AND TIRE PUMP

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PG-934	1	WRENCH, front wheel bearing nut
2	PGF-6510	1	WRENCH, wheel stud
3	ASF-6993	1	GREASE GUN
4	848007	1	WRENCH, control valve, hollow head capscrew
4A	848032	1	WRENCH, hollow head capscrew for front axle universal joint bearing ring
5	PGF-10149	1	WRENCH (1-1/8" opening), hydraulic coupling for 5/8" fitting
6	PGF-10150	1	WRENCH (1-1/8" opening), hydraulic coupling for 5/8" fitting
7	PGF-10148	1	WRENCH (1-1/4" opening), hydraulic coupling for 3/4" fitting
8		1	ELECTRIC TIRE PUMP - battery operated (special order) - (see separate page)



PORTABLE AIR COMPRESSOR (TIRE PUMP)
(12-volt Battery Operated)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-13961	1	ELECTRIC TIRE PUMP (includes Ref. 1 to 29 inclusive) - (special order)
1	515008	-	ELECTRIC MOTOR, 12-volt
2	515009	-	LOCKWASHER - 1/4"
3	515010	-	SCREW (1-1/4" x 1/4" - 20)
4	515011	-	SCREW (1/2" x #8-32)
5	515012	-	HEAD
6	515013	-	SCREW (1/2" x #10-32)
7	515014	-	SCREEN, retainer
8	515015	-	PAD, filter
9	515016	-	SCREW (3/16" x #6-32)

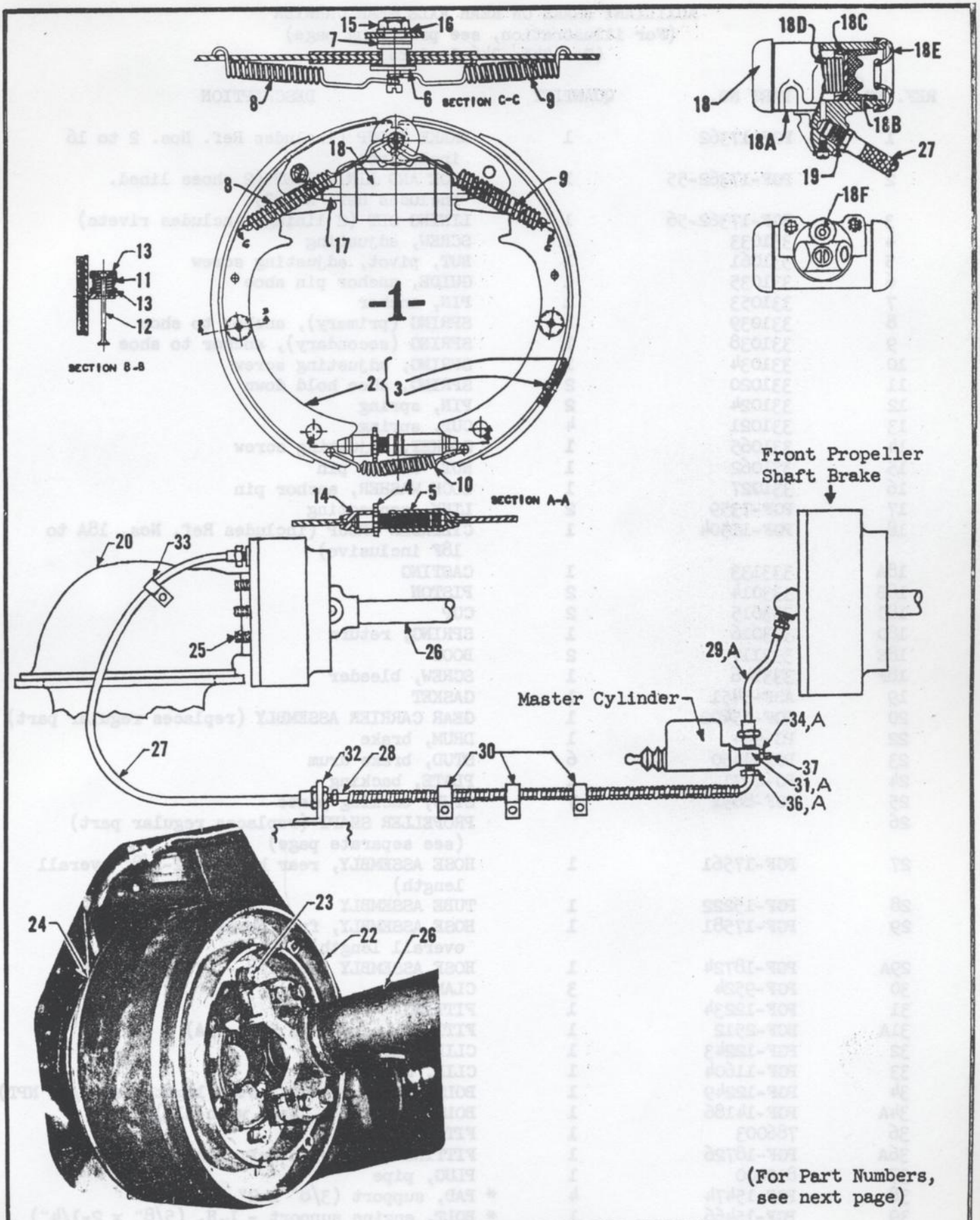
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
10	515017	-	GASKET
11	515018	-	VALVE, inlet
12	515019	-	VALVE PLATE ASSEMBLY
13	515020	-	SEAL, air
14	515021	-	PLATE, retaining
15	515022	-	HOUSING
16	515023	-	COVER, outboard bearing
17	515024	-	BEARING, outboard
18	515025	-	SCREW (1/4" x 1/4" - 20)
19	515026	-	SETSCREW, cup point (7/16" x 3/8" - 24)
20	515027	-	ECCENTRIC
21	515028	-	BEARING, connecting rod
22	515029	-	NUT, square (#10-32)
23	515030	-	SCREW (7/8" x #10-32)
24	515031	-	LOCKWASHER (#10 Shakeproof)
25	515032	-	PISTON
26	515033	-	SCREW (3/4" x 3/4" x 1/4" - 20)
27	515034	-	AIR GAUGE ASSEMBLY
28	515035	-	CABLE, battery
29	515006	-	HOSE AND WIRE ASSEMBLY WITH AIR GAUGE

INSTRUCTIONS FOR ORDERING REPAIR PARTS

Specify Model and Serial numbers, Part numbers, Part names.



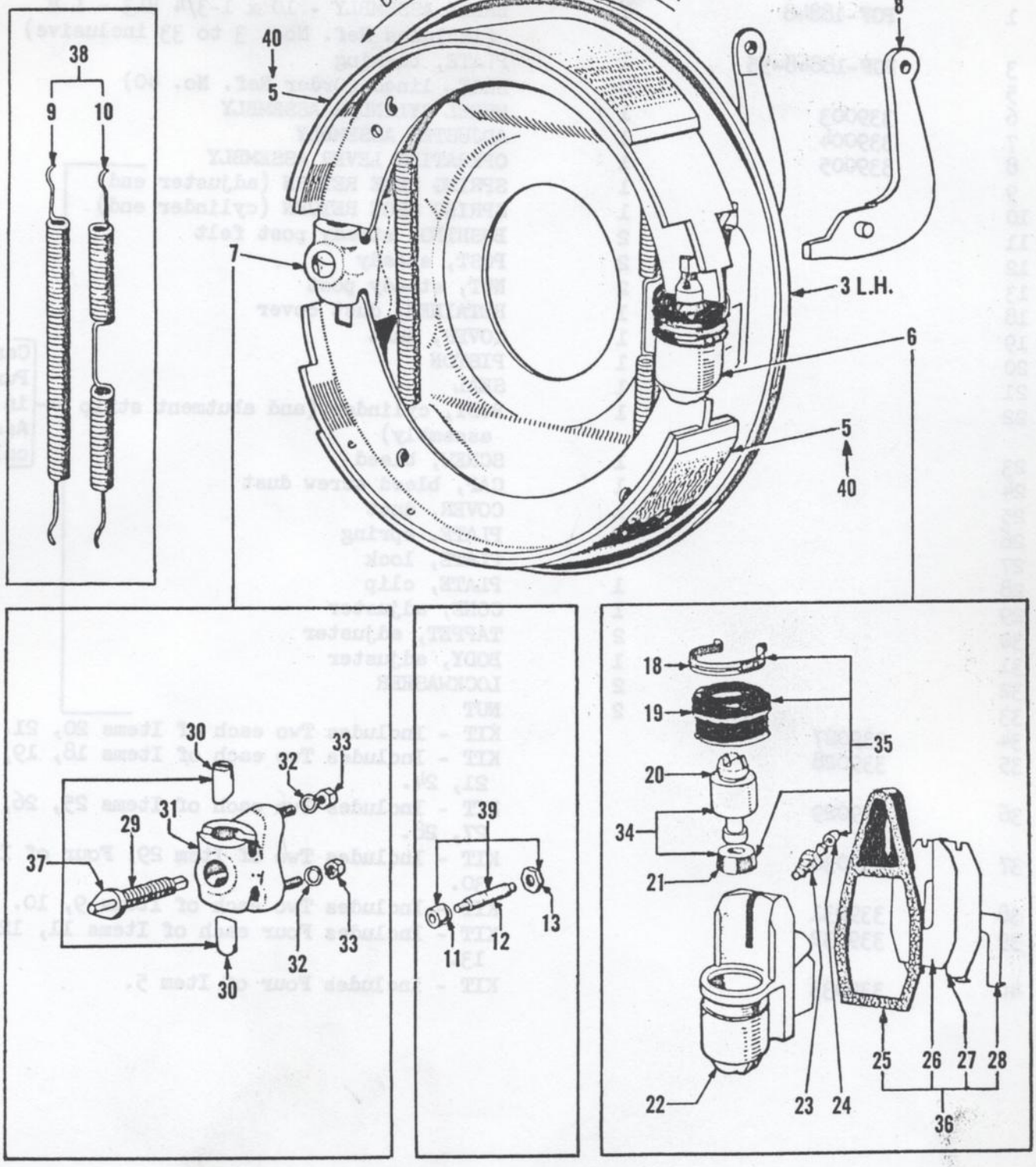
(For Part Numbers, see next page)

AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For 345, 346 Graders)

AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For illustration, see preceding page)
(For 345, 346 Graders)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17362	1	BRAKE GROUP (includes Ref. Nos. 2 to 16 inclusive)
2	PGF-17362-55	1	SHOE AND LINING SET (2 shoes lined. Includes Ref. No. 3)
3	PGF-17362-56	1	LINING SET (2 linings includes rivets)
4	331033	1	SCREW, adjusting
5	331061	1	NUT, pivot, adjusting screw
6	331035	1	GUIDE, anchor pin shoe
7	331053	1	PIN, anchor
8	331039	1	SPRING (primary), anchor to shoe
9	331038	1	SPRING (secondary), anchor to shoe
10	331034	1	SPRING, adjusting screw
11	331020	2	SPRING, shoe hold down
12	331024	2	PIN, spring
13	331021	4	CUP, spring
14	331065	1	SOCKET, adjusting screw
15	331062	1	NUT, anchor pin
16	331027	1	LOCK WASHER, anchor pin
17	PGF-7359	2	LINK, connecting
18	PGF-11504	1	CYLINDER GROUP (includes Ref. Nos. 18A to 18F inclusive)
18A	333133	1	CASTING
18B	333014	2	PISTON
18C	333015	2	CUP
18D	333016	1	SPRING, return
18E	333117	2	BOOT
18F	333146	1	SCREW, bleeder
19	ASF-5451	1	GASKET
20	PGF-15402	1	GEAR CARRIER ASSEMBLY (replaces regular part)
22	PG-944	1	DRUM, brake
23	PGF-4450	6	STUD, brake drum
24	PG-2071	1	PLATE, backing
25	PGF-8851	7	STUD, backing plate
26			PROPELLER SHAFT (replaces regular part) (see separate page)
27	PGF-17561	1	HOSE ASSEMBLY, rear brake (32-1/8" overall length)
28	PGF-15222	1	TUBE ASSEMBLY
29	PGF-17581	1	HOSE ASSEMBLY, front brake (17-7/8" overall length)
29A	PGF-18724	1	HOSE ASSEMBLY (has 1/8 - 27 NPT one end)
30	PGF-9524	3	CLAMP
31	PGF-12234	1	FITTING
31A	HCF-2512	1	FITTING (used with Ref. 29A)
32	PGF-12243	1	CLIP, tube
33	PGF-11604	1	CLIP, hose
34	PGF-12249	1	BOLT, fitting - with stop light (has 1/8" NPT)
34A	PGF-14186	1	BOLT, fitting - (used with 31A)
36	786003	1	FITTING
36A	PGF-18726	1	FITTING (used with Ref. 29A)
37	810000	1	PLUG, pipe
38	PGF-15474	4	* PAD, support (3/8" x 2" square)
39	PGF-15466	1	* BOLT, engine support - L.H. (5/8" x 2-1/4")
40	PGF-15467	1	* BOLT, engine support - R.H. (5/8" x 2-1/4")
41	PGF-15468	2	* BOLT, engine support (1/2" x 4-3/4")

Note: * Parts not illustrated for GMC engine only.



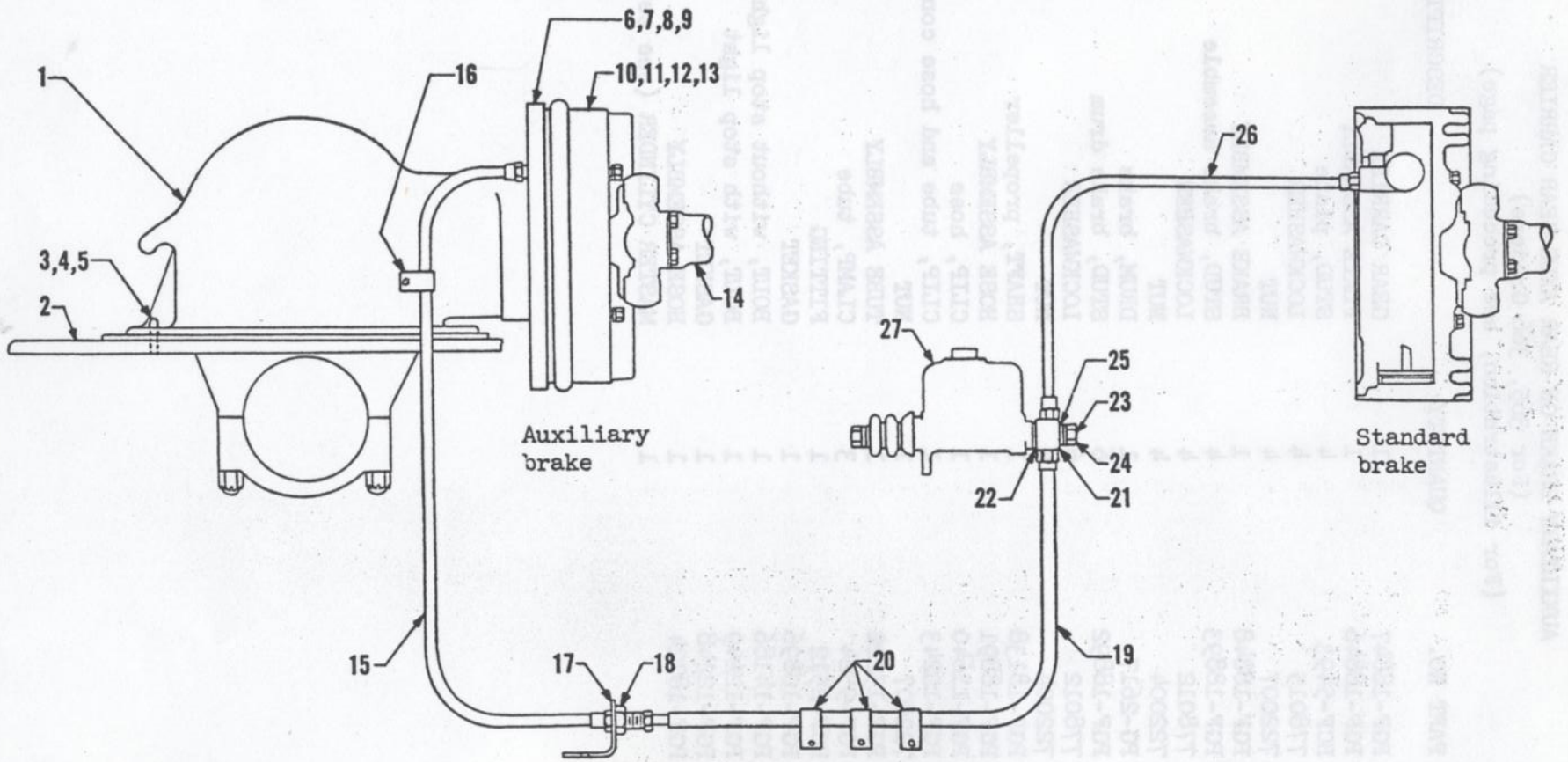
(For Part Numbers, see next page)

AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For 365, 366 Graders)

AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For illustration, see preceding page)
(For 365, 366 Graders)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18848	1	BRAKE ASSEMBLY - 10 x 1-3/4 HL3 - L.H. (includes Ref. Nos. 3 to 33 inclusive)
3	PGF-18848-55	1	PLATE, backing
5		2	SHOE, lined (Order Ref. No. 40)
6	339003	1	WHEEL CYLINDER ASSEMBLY
7	339004	1	ADJUSTER ASSEMBLY
8	339005	1	OPERATING LEVER ASSEMBLY
9		1	SPRING SHOE RETURN (adjuster end)
10		1	SPRING SHOE RETURN (cylinder end)
11		2	BUSHING, steady post felt
12		2	POST, steady
13		2	NUT, steady post
18		1	RETAINER, dust cover
19		1	COVER, dust
20		1	PISTON
21		1	SEAL
22		1	BODY, cylinder (and abutment strip assembly)
23		1	SCREW, bleed
24		1	CAP, bleed screw dust
25		1	COVER, dust
26		1	PLATE, spring
27		1	PLATE, lock
28		1	PLATE, clip
29		1	CONE, adjuster
30		2	TAPPET, adjuster
31		1	BODY, adjuster
32		2	LOCKWASHER
33		2	NUT
34	339027		KIT - Includes Two each of Items 20, 21.
35	339028		KIT - Includes Two each of Items 18, 19, 21, 24.
36	339029		KIT - Includes Two each of Items 25, 26, 27, 28.
37	339030		KIT - Includes Two of Item 29, Four of Item 30.
38	339031		KIT - Includes Two each of Items 9, 10.
39	339032		KIT - Includes Four each of Items 11, 12, 13.
40	339033		KIT - Includes Four of Item 5.

Items 8 through 33 can be Purchased in Kits or Assemblies only.

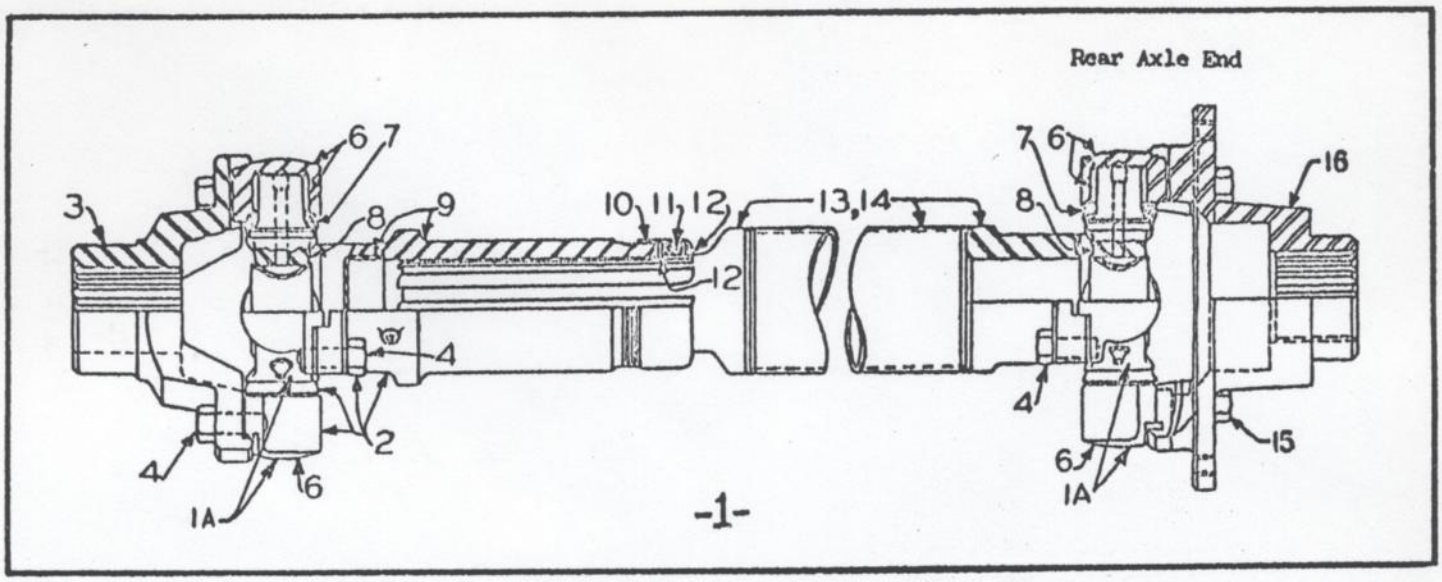


(For Part Numbers, see next page)

AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For 365, 366 Graders)

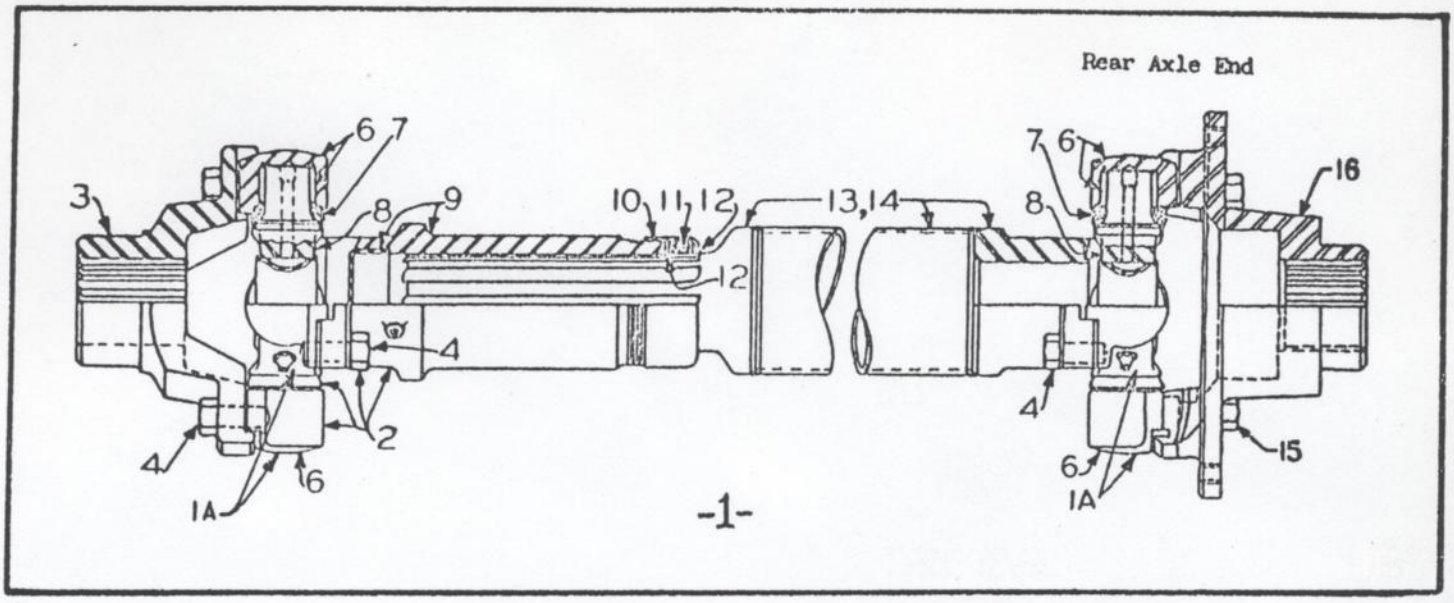
AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For 365, 366 Graders)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18847	1	GEAR CARRIER
2	PGF-18846	1	PLATE ASSEMBLY
3	HCF-5493	4	STUD, plate
4	778015	4	LOCKWASHER
5	722007	4	NUT
6	PGF-18848	1	BRAKE ASSEMBLY
7	PGF-18893	4	STUD, brake assemble
8	778012	4	LOCKWASHER
9	722004	4	NUT
10	PG-2617	1	DRUM, brake
11	PGF-18892	6	STUD, brake drum
12	778012	6	LOCKWASHER
13	722004	6	NUT
14	PGF-18138	1	SHAFT, propeller
15	PGF-18891	1	HOSE ASSEMBLY
16	PGF-11640	1	CLIP, hose
17	PGF-12243	1	CLIP, tube and hose connection
18	722007	1	NUT
19	PGF-15222	1	TUBE ASSEMBLY
20	PGF-9524	3	CLAMP, tube
21	HCF-2512	1	FITTING
22	PGF-10896	1	GASKET
23	PGF-14186	1	BOLT, without stop light
24	PGF-12249	1	BOLT, with stop light
25	PGF-12248	1	GASKET
26	PGF-18724	1	HOSE ASSEMBLY
27		1	MASTER CYLINDER (see separate page)



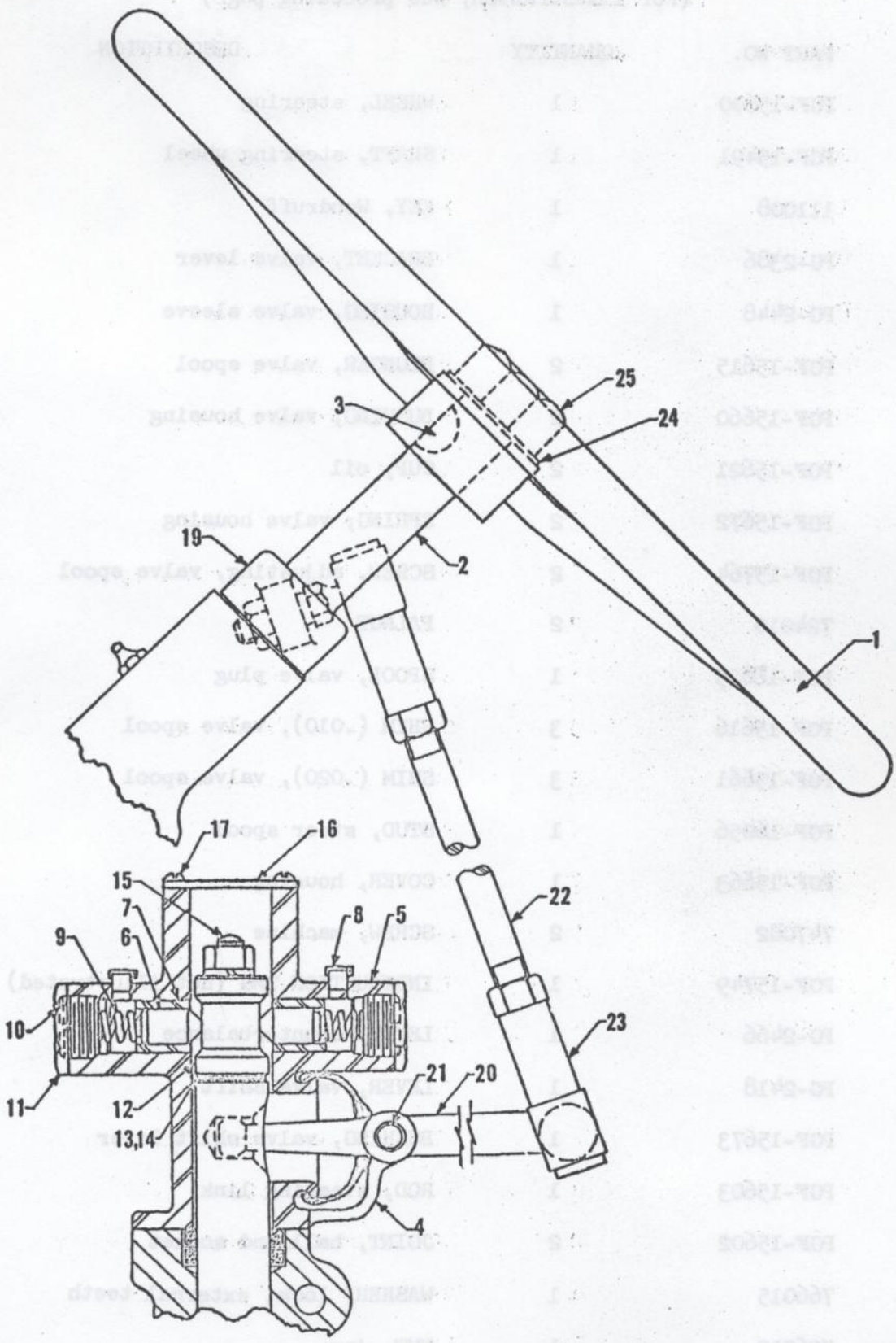
REAR PROPELLER SHAFT
(From Transfer Case to Auxiliary Brake on Rear Axle Gear Carrier)
(For 345, 346 Graders)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15184	1	PROPELLER SHAFT, complete
1A	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465130	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-18670	1	YOKE, fitting
4	PGF-9717-55	12	CAPSCREW
6		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
9	465118	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465017	1	FELT
12	465018	2	WASHER, felt retainer
13	465235	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
14	465157	1	PROPELLER TUBE GROUP
15	PGF-10797-57	4	CAPSCREW
16	PGF-18709	1	YOKE, flanged



(From Transfer Case to Auxiliary Brake on Rear Axle Gear Carrier)
(For 365, 366 Graders)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18137	1	PROPELLER SHAFT, complete
1A	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465130	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-18796	1	YOKE, fitting
4	PGF-9717-55	12	CAPSCREW
6		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
9	465118	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465017	1	FELT
12	465018	2	WASHER, felt retainer
13	PGF-18140-55	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
14	465157	1	PROPELLER TUBE GROUP
15	PGF-10797-57	4	CAPSCREW
16	PGF-18709	1	YOKE, flanged



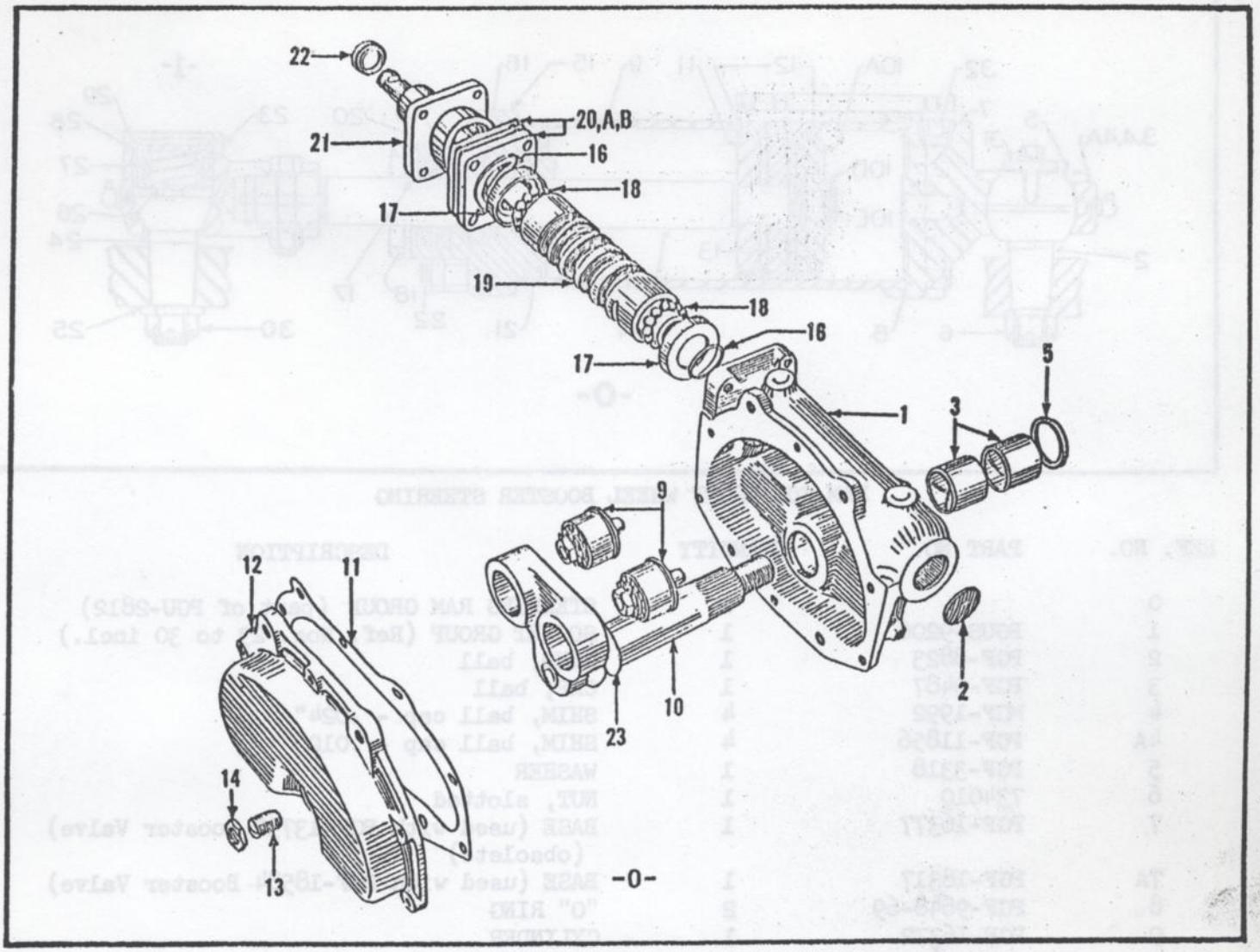
(For Part Numbers, see next page)

DUOMATIC FRONT STEER MECHANISM

DUOMATIC FRONT STEER MECHANISM
(For illustration, see preceding page)

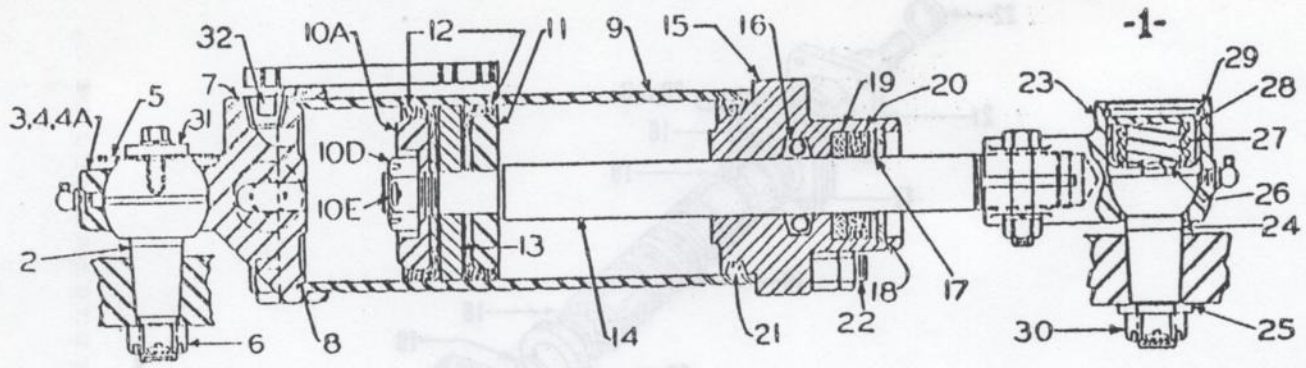
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15600	1	WHEEL, steering
2	PGF-15491	1	SHAFT, steering wheel
3	111008	1	KEY, Woodruff
4	PG-2386	1	BRACKET, valve lever
5	PG-2448	1	HOUSING, valve sleeve
6	PGF-15615	2	PLUNGER, valve spool
7	PGF-15660	2	BUSHING, valve housing
8	PGF-15621	2	CUP, oil
9	PGF-15672	2	SPRING, valve housing
10	PGF-15764	2	SCREW, adjusting, valve spool
11	724010	2	PALNUT
12	PGF-16055	1	SPOOL, valve plug
13	PGF-15616	3	SHIM (.010), valve spool
14	PGF-15661	3	SHIM (.020), valve spool
15	PGF-16056	1	STUD, steer spool
16	PGF-15663	1	COVER, housing
17	747082	2	SCREW, machine
18	PGF-15749	1	INSTRUCTION TAG (not illustrated)
19	PG-2466	1	LEVER, counterbalance
20	PG-2418	1	LEVER, valve shift
21	PGF-15673	1	BUSHING, valve shift lever
22	PGF-15603	1	ROD, steering link
23	PGF-15602	2	JOINT, ball and socket
24	766015	1	WASHER, lock, external teeth
25	726010	1	NUT, jam

Note: For parts not identified, refer to standard equipment hydraulic valve control pages.



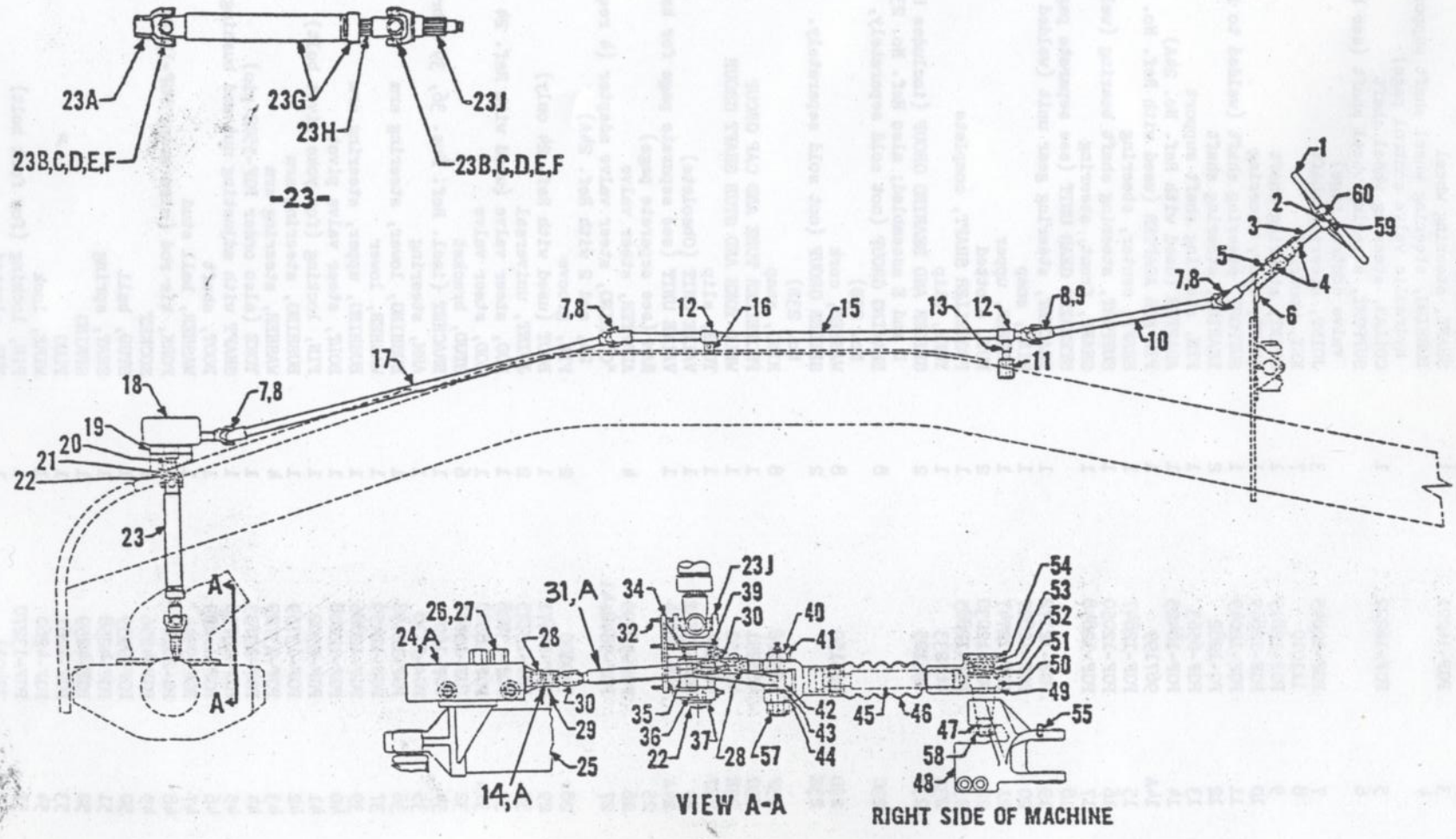
STEERING GEAR UNIT
FOR FRONT WHEEL BOOSTER STEERING

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-12840	1	STEERING GEAR UNIT
1	422117	1	HOUSING ASSEMBLY (includes Ref. No. 3)
2	422126	1	PLUG, expansion
3	422040	2	BUSHING
5	422041	1	SEAL, oil
9	422112	1 Set	STUD-ROLLER BEARING GROUP (one set consists of two matched units)
10	422014	1	LEVERSHAFT ASSEMBLY
11	422026	1	GASKET, side cover
12	422023	1	COVER, side
13	422024	1	SCREW, adjusting
14	422025	1	NUT, lock
16	422049	2	RING, retaining
17	422047	2	CUP, ball
18	422048	28	BALL
19	422115	1	CAM AND SHAFT ASSEMBLY
20	422061	As req'd	SHIM - .002"
20A	422062	As req'd	SHIM - .003"
20B	422063	As req'd	SHIM - .010"
21	422123	1	COVER ASSEMBLY (includes Ref. No. 22)
22	422021	1	SEAL, oil
23	422120	2	WASHER, spring



RAM FOR FRONT WHEEL BOOSTER STEERING

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	STEERING RAM GROUP (part of PGU-2812)
1	PGUS-9206	1	SOCKET GROUP (Ref. Nos. 23 to 30 incl.)
2	PGF-8823	1	STUD, ball
3	PGF-9487	1	CAP, ball
4	MGF-1992	4	SHIM, ball cap - .024"
4A	PGF-11856	4	SHIM, ball cap - .010"
5	PGF-3318	1	WASHER
6	734010	1	NUT, slotted
7	PGF-16377	1	BASE (used with PGF-13732 Booster Valve) (obsolete)
7A	PGF-18317	1	BASE (used with PGF-18584 Booster Valve)
8	PGF-9648-69	2	"O" RING
9	PGF-16372	1	CYLINDER
10A	PGF-10805	1	SPREADER, outer
10D	PGF-11547	1	NUT, slotted
10E	166037	1	PIN, cotter
11	PGF-8227	1	SPREADER, inner
12	PGF-17086	2	CUP
13	PG-A-694	1	PISTON
14	PGF-8982	1	ROD, piston
15	PG-A-2000	1	HEAD
16	PGF-9648-27	1	"O" RING
17	PGF-13171	1	WASHER
18	PGF-4515	1	RING, snap
19	PGF-7022	1	FELT
20	PGF-7026	1	WIPER
21	PGF-9648-1	1	"O" RING
22	PGF-16374	4	ROD, tie
23	PGF-4256	1	SOCKET
24	PGF-9939	1	STUD, ball
25	PGF-9944	1	WASHER, ball stud
26	PGF-4258	1	SEAT, spring
27	PGF-4259	1	SPRING
28	PGF-4261	1	PLUG
29	PGF-4260	1	WIRE, lock
30	737009	1	NUT, slotted
31	PGF-10314	1	PLATE, washer
32	812003	1	PLUG, pipe

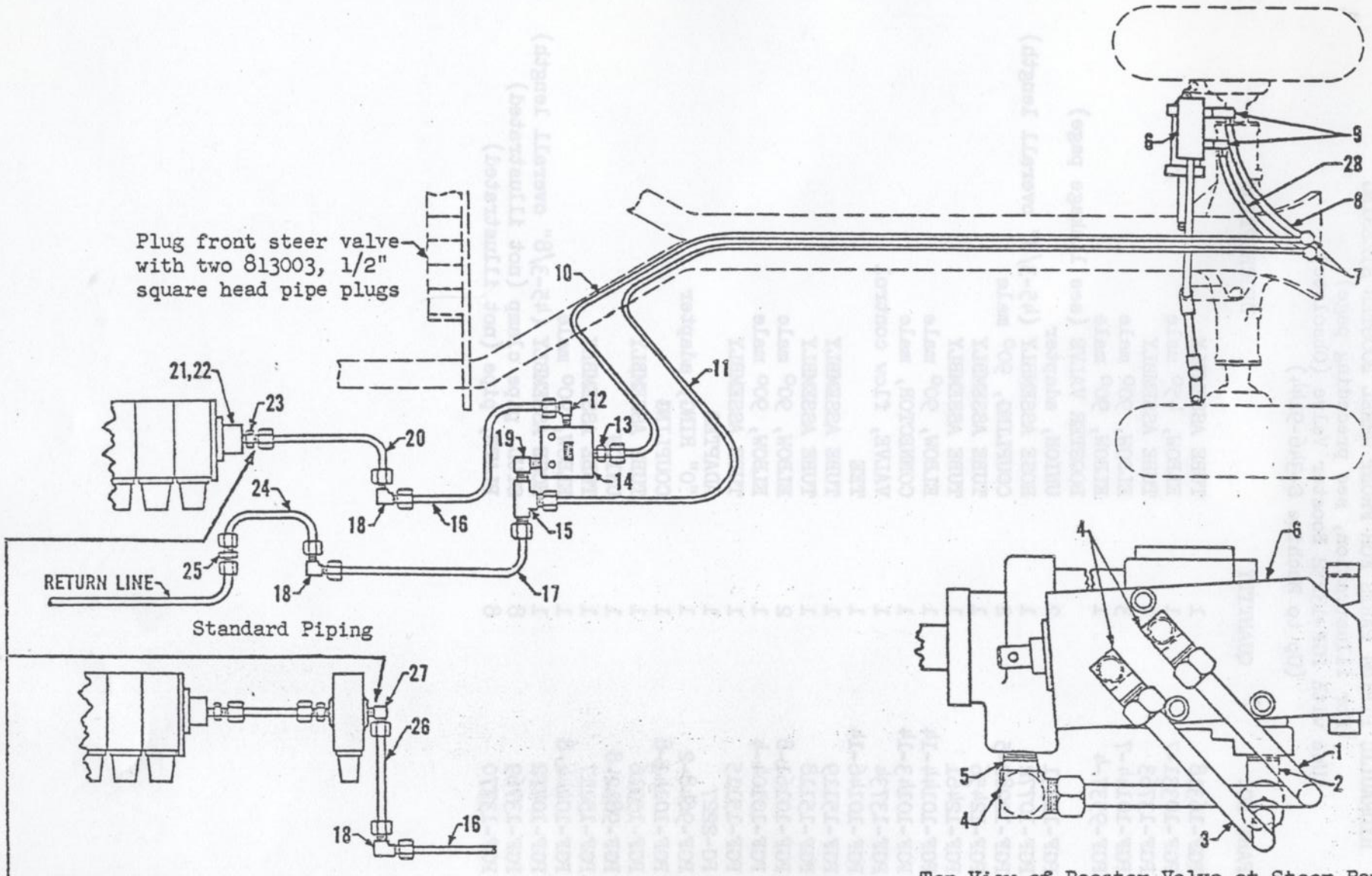


(For Part Numbers, see next page)

LINKAGE FOR FRONT WHEEL BOOSTER STEERING

LINKAGE FOR FRONT WHEEL BOOSTER STEERING
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15600	1	WHEEL, steering
2	111008	1	KEY, Woodruff
3	PGF-16221	1	SHAFT, steering wheel
4			BUSHING, steering wheel shaft support (see hydraulic valve control page)
5	PGF-16222	1	COLLAR, steering wheel shaft
6			SUPPORT, steering wheel shaft (see hydraulic valve control page)
7	PGF-12845	3	JOINT, steering shaft
8	111010	7	KEY, Woodruff
9	PGF-12819	1	JOINT, steering shaft
10	PGF-12849	1	SHAFT, rear, steering
11	PGF-12049	1	SUPPORT, steering shaft (welded to frame)
12	PG-1282	2	BEARING, steering shaft
13	PGF-6563	1	PIN, steering shaft support
14	PGF-18425	1	ADAPTER (used with Ref. No. 24A)
14A	967199	1	PIN FOR ADAPTER (used with Ref. No. 24A)
15	PGF-12847	1	SHAFT, center, steering
16	PGF-12050	1	SUPPORT, steering shaft bearing (welded to frame)
17	PGF-12848	1	SHAFT, front, steering
18			STEERING GEAR UNIT (see separate page)
19	PGF-12172	1	BRACKET, steering gear unit (welded to frame)
20	PGF-12827	1	RING, snap
21	PGF-12747	1	WASHER, upper
22	PGF-12030	2	NUT, slotted
23	PGF-12885	1	PROPELLER SHAFT, complete
23A	465233	1	YOKE, slip
23B	465225	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 23C, D and E assembled; also Ref. No. 23F)
23C		8	BEARING GROUP (not sold separately, Order Ref. No. 23B)
23D	465150	8	WASHER, cork
23E		2	SPIDER GROUP (not sold separately. Order Ref. No. 23B)
23F	465226	8	RING, snap
23G	465251	1	PROPELLER TUBE AND CAP GROUP
23H	465252	1	WELD YOKE AND STUB SHAFT GROUP
23J	465224	1	YOKE, slip
24	PGF-13732	1	VALVE UNIT (Obsolete)
24A	PGF-18584	1	VALVE UNIT (see separate page for breakdown)
25			RAM (see separate page)
26	PGF-18590	4	ADAPTER, steer valve
27	PGF-9648-41		"O" RING, steer valve adapter (4 req'd with Ref. 24, and 2 with Ref. 24A)
28	739100	2	PIN, groove
29	PGF-14671	1	BOOT (used with Ref. 24 only)
30	PGF-13725	2	JOINT, universal
31	PGF-13728	1	ROD, steer valve (used with Ref. 24 only)
31A	PGF-18588	1	ROD, steer valve
32	PGF-15601	6	STUD, bracket
34	PGF-15074	1	BRACKET (incl. Ref. Nos. 36, 39 & brg. cup 313098)
35	PGA-2138	1	ARM, steering
36	PGF-12458	1	BUSHING, lower, steering arm
37	PGF-12459	1	WASHER, lower
39	PGF-12886	1	BUSHING, upper, steering arm
40	PGF-12008	1	BOLT, steer valve pivot
41	PGF-5502	1	PIN, locking (for yoke pivot bolt)
42	PGF-13759	1	BUSHING, steering arm
43	PGF-13729	4	WASHER, steering arm
44	PGF-13733	1	YOKE (also order PGF-5502 pin)
45	PGF-13730	1	SHAFT with adjusting nut and bushing
46	PGF-14199	1	BOOT, shaft
47	PGF-9944	1	WASHER, ball stud
48	PG-2074	1	FORK, tie rod (also order PGF-13270 pin)
49	PGF-4256	1	SOCKET
50	PGF-9939	1	STUD, ball
51	PGF-4258	1	SEAT, spring
52	PGF-4259	1	SPRING
53	PGF-4261	1	PLUG
54	PGF-4260	1	WIRE, lock
55	PGF-13270	1	PIN, locking (for fork bolt)
57	734011	1	NUT, slotted
58	734010	1	NUT, slotted
59	766015	1	WASHER, lock, external teeth
60	726010	1	NUT, jam



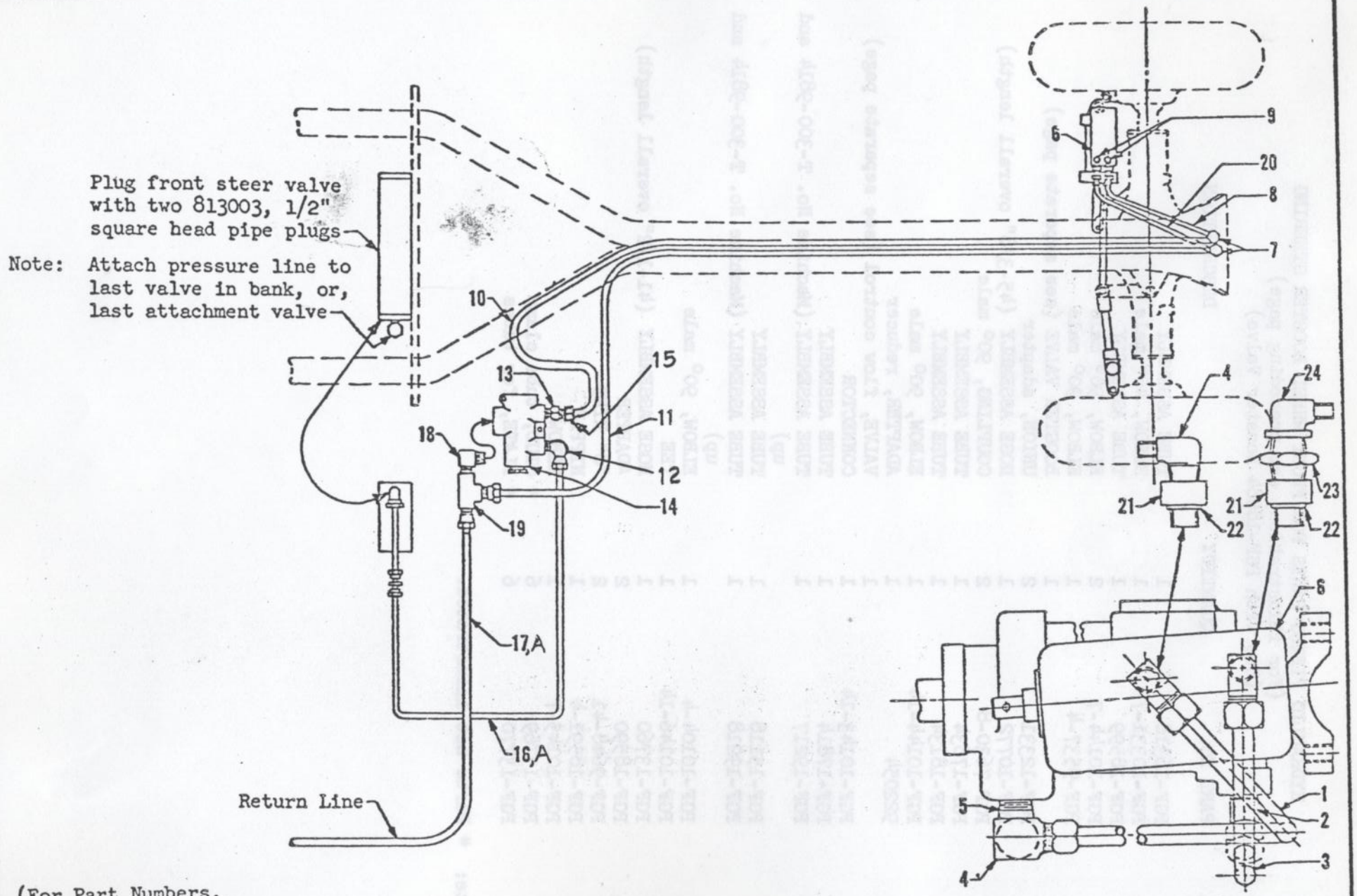
Note: Attach pressure line to last valve in bank, or, last attachment valve

(For Part Numbers, see next page)

HYDRAULIC PIPING PARTS FOR FRONT WHEEL BOOSTER STEERING

HYDRAULIC PIPING PARTS FOR FRONT WHEEL BOOSTER STEERING
(For illustration, see preceding page)
(Use with PGF-13232 Booster Valve (Obsolete)
(Up to Machine S-346-9144)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16318	1	TUBE ASSEMBLY
2	PGF-10331-7	1	ELBOW, 45° male
3	PGF-13763	1	TUBE ASSEMBLY
4	PGF-10144-7	3	ELBOW, 90° male
5	PGF-9537-4	1	ELBOW, 90° male
6			BOOSTER VALVE (see linkage page)
7	PGF-12331	2	UNION, adapter
8	PGF-10772	1	HOSE ASSEMBLY (45-3/8" overall length)
9	PGF-12282-5	2	COUPLING, 90° male
10	PGF-12456	1	TUBE ASSEMBLY
11	PGF-12461	1	TUBE ASSEMBLY
12	PGF-10144-14	1	ELBOW, 90° male
13	PGF-10143-14	1	CONNECTOR, male
14	PGF-13734	1	VALVE, flow control
15	PGF-10146-14	1	TEE
16	PGF-15119	1	TUBE ASSEMBLY
17	PGF-15118	1	TUBE ASSEMBLY
18	PGF-10161-8	2	ELBOW, 90° male
19	PGF-10104-4	1	ELBOW, 90° male
20	PGF-15115	1	TUBE ASSEMBLY
21	PG-2227	1	ADAPTER
22	PGF-9648-2	1	"O" RING, adapter
23	PGF-10143-8	1	COUPLING
24	PGF-15116	1	TUBE ASSEMBLY
25	PGF-9812-8	1	UNION
26	PGF-15117	1	TUBE ASSEMBLY
27	PGF-10144-8	1	ELBOW, 90° male
28	PGF-10772	1	HOSE ASSEMBLY (45-3/8" overall length)
29	PGF-13769	8	STUD, pipe clamp (not illustrated)
30	PGF-13770	8	PLATE, pipe (not illustrated)



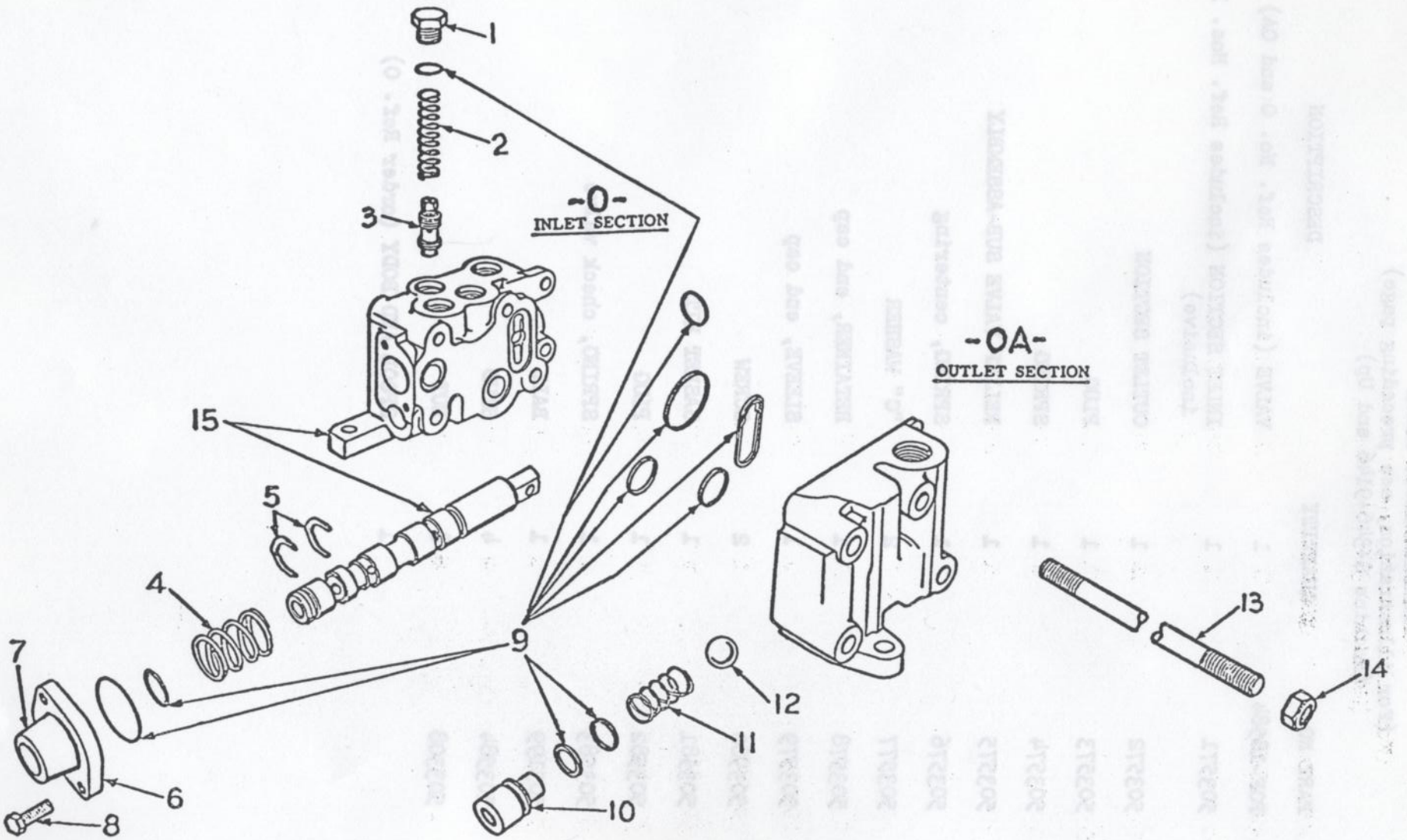
HYDRAULIC PIPING PARTS FOR FRONT WHEEL BOOSTER STEERING

HYDRAULIC PIPING PARTS FOR FRONT WHEEL BOOSTER STEERING

(For illustration, see preceding page)
(Use with PGF-18584 Booster Valve)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16318	1	TUBE ASSEMBLY
2	PGF-10331-7	1	ELBOW, 45° male
3	PGF-18599	1	TUBE ASSEMBLY
4	PGF-10144-7	2	ELBOW, 90° male
5	PGF-9537-4	1	ELBOW, 90° male
6		1	BOOSTER VALVE (see separate page)
7	PGF-12331	2	UNION, adapter
8	PGF-10772	1	HOSE ASSEMBLY (45-3/8" overall length)
9	PGF-7630-8	2	COUPLING, 90° male
10	PGF-17834	1	TUBE ASSEMBLY
11	PGF-18134	1	TUBE ASSEMBLY
12	PGF-10144-14	1	ELBOW, 90° male
13	922054	1	ADAPTER, reducer
14		1	VALVE, flow control (see separate page)
15	PGF-10143-14	1	CONNECTOR
16	PGF-17814	1	TUBE ASSEMBLY
16A	PGF-19217	1	TUBE ASSEMBLY (Machine No. T-300-9814 and up)
17	PGF-15118	1	TUBE ASSEMBLY
17A	PGF-19218	1	TUBE ASSEMBLY (Machine No. T-300-9814 and up)
18	PGF-10104-4	1	ELBOW, 90° male
19	PGF-10146-14	1	TEE
20	PGF-13760	1	HOSE ASSEMBLY (41-1/2" overall length)
21	PGF-18590	2	ADAPTER
22	PGF-9648-41	2	"O" RING
23	PGF-18591-4	1	NIPPLE
24	PGF-10145-7	1	ELBOW
25	PGF-13769	6	* STUD, tube clamp
26	PGF-13770	6	* PLATE, for tubes

Note: * Parts not illustrated.



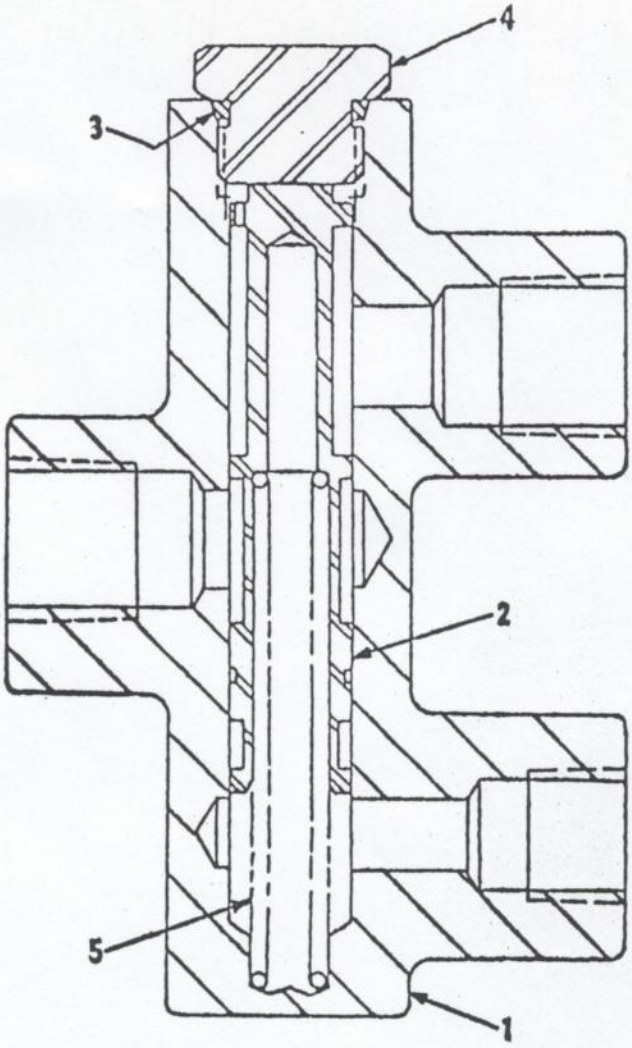
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(For Part Numbers, see next page)

BOOSTER STEER VALVE

BOOSTER STEER VALVE
(For illustration, see preceding page)
(Machine S-346-9146 and Up)

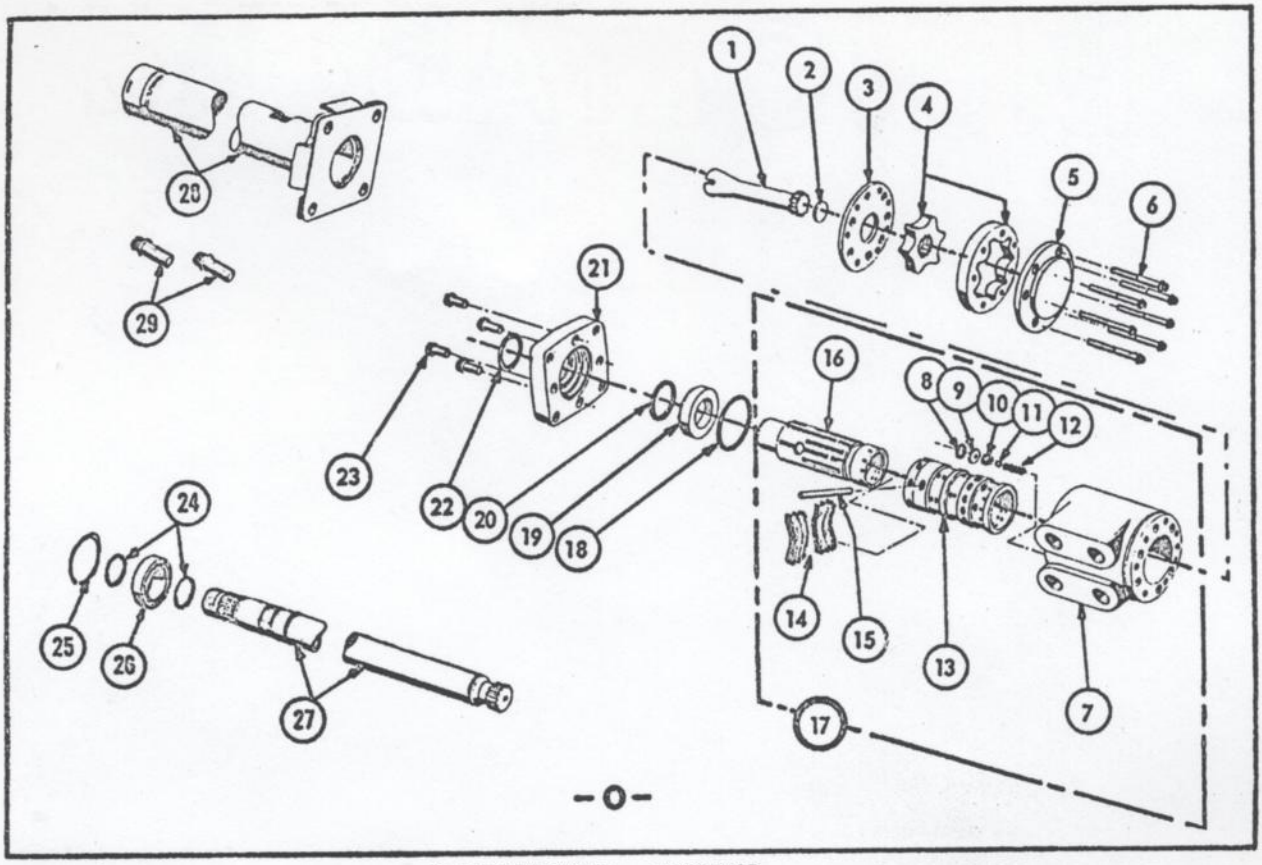
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
00	PGF-18584	1	VALVE (includes Ref. No. 0 and 0A)
0	503571	1	INLET SECTION (includes Ref. Nos. 1 to 15 inclusive)
0A	503572	1	OUTLET SECTION
1	503573	1	PLUG
2	503574	1	SPRING
3	503575	1	RELIEF VALVE SUB-ASSEMBLY
4	503576	1	SPRING, centering
5	503577	2	"C" WASHER
6	503578	1	RETAINER, end cap
7	503579	1	SLEEVE, end cap
8	503580	2	SCREW
9	503581	1	GASKET KIT
10	503582	1	PLUG
11	503583	1	SPRING, check valve
12	503199	1	BALL
13	503584	4	STUD
14	503308	8	NUT
15		1	SPOOL AND BODY (order Ref. 0)



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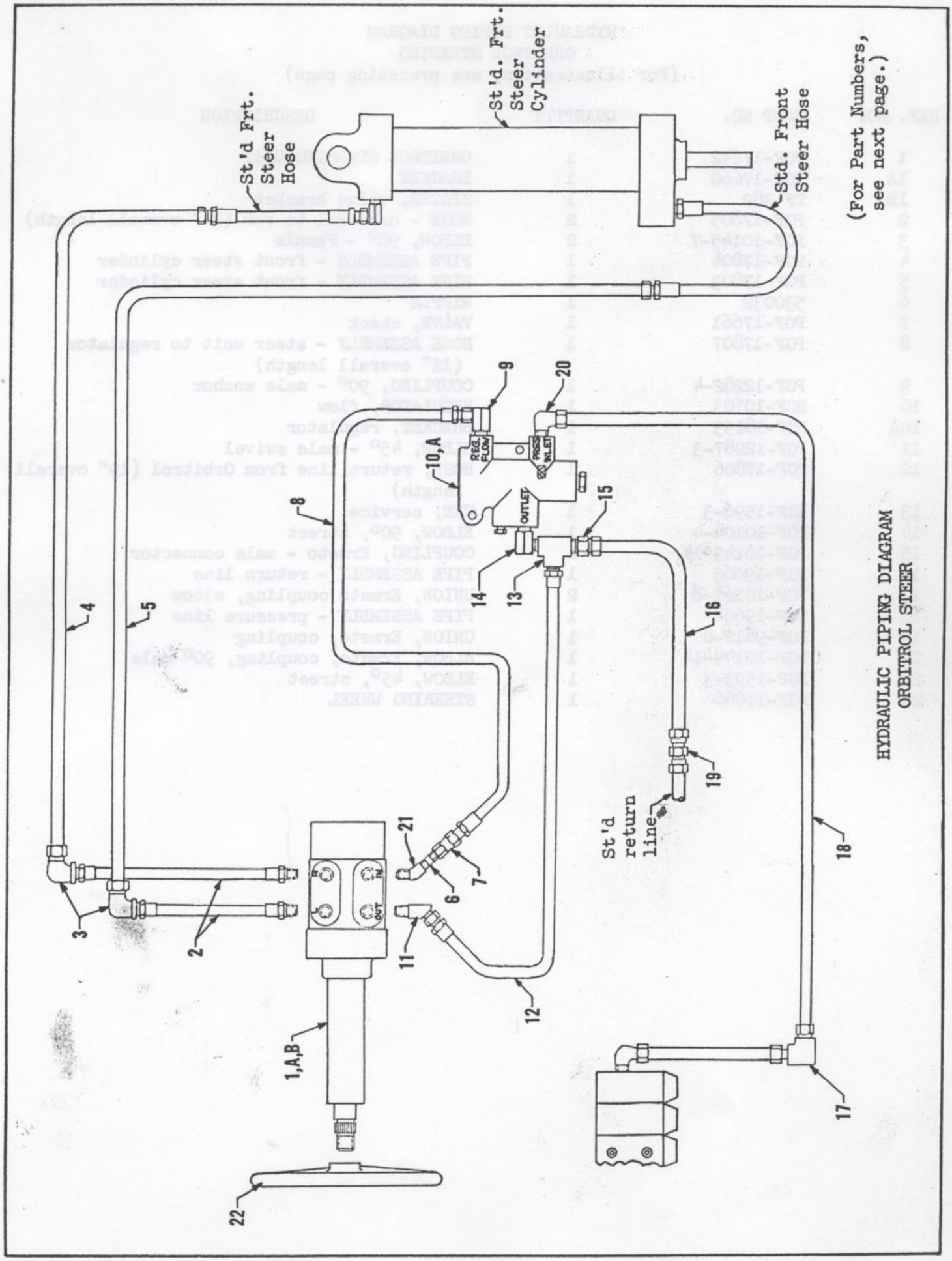
FLOW REGULATOR

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	HCF-10103	1	FLOW REGULATOR (includes Ref. Nos. 1 to 5 inclusive)
1	497109	1	BODY
2	497114	1	PISTON
3	497111	1	"O" RING
4	497112	1	PLUG
5	497113	1	SPRING



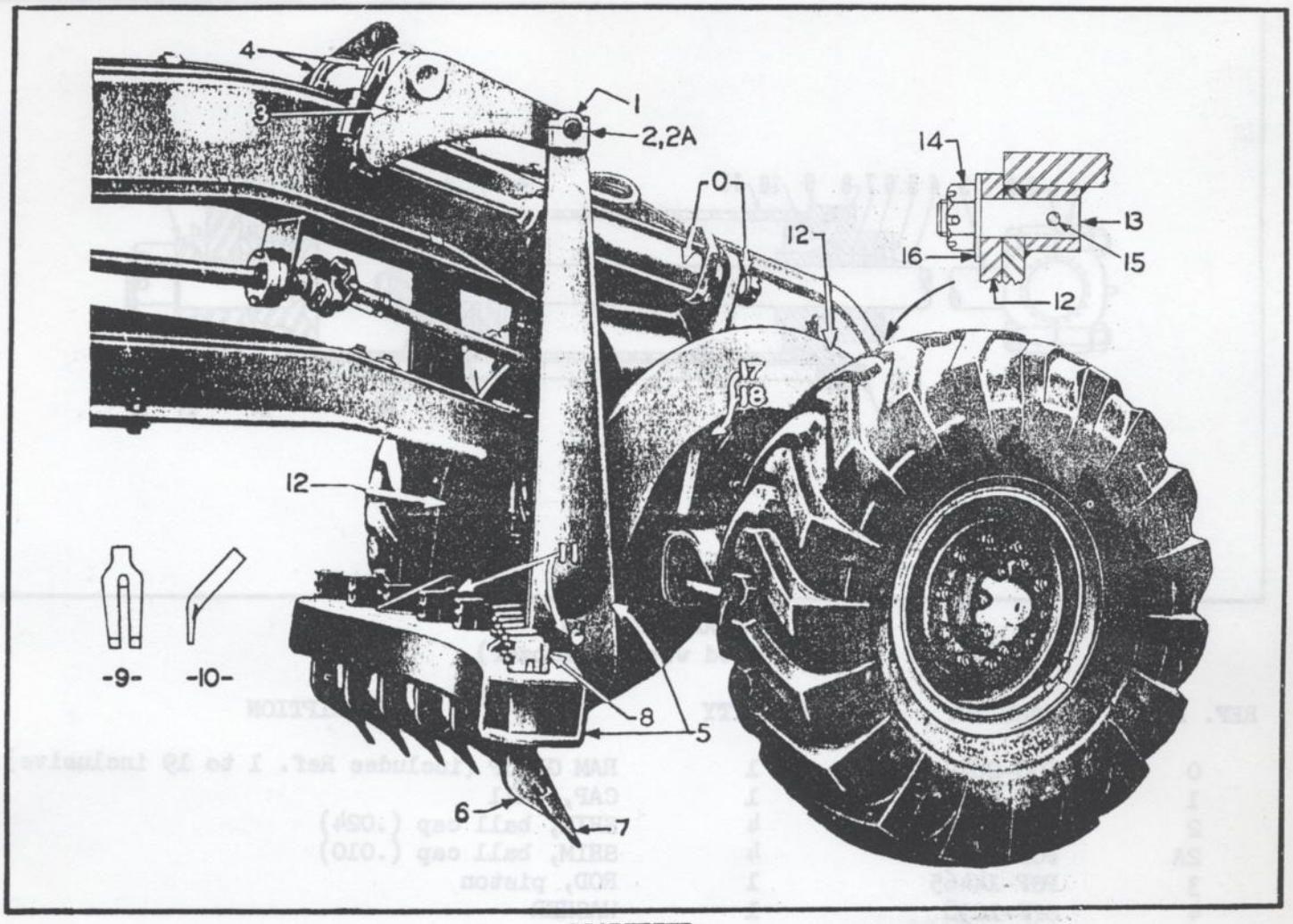
STEERING UNIT - ORBITROL

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17642	1	STEERING UNIT - ORBITROL (includes Ref. Nos. 1 to 29 inclusive)
1	190042	1	DRIVE
2	190024	1	SPACER
3	190047	1	PLATE
4	190025	1	GERATOR SET
5	190046	1	CAP, end
6	190045	7	CAPSCREW
7		1	HOUSING (not sold separately) - (see Ref.17)
8	190037	1	"O" RING, seal
9	190048	1	PLUG, seal
10	190059	1	SEAT, check
11	190040	1	BALL, steel
12	190041	1	SPRING, compression
13		1	SLEEVE, control (not sold separately) - (see Ref. 17)
14	190034	6	SPRING, centering
15	190035	1	PIN, centering
16		1	SPOOL, control (not sold separately) - (see Ref. 17)
17	190036	1	CONTROL PARTS ASSEMBLY
18	190033	1	"O" RING, seal
19	190032	1	BUSHING, cap locator
20	190031	1	SEAL, quad ring
21	190029	1	PLATE, mounting
22	190028	1	SEAL, oil
23	190049	4	CAPSCREW
24	190053	2	RING, snap
25	190080	1	RING, retaining
26	190052	1	BEARING
27	190081	1	STEERING SHAFT ASSEMBLY
28	190082	1	TUBE AND FLANGE ASSEMBLY
29	190083	2	CAPSCREW


St'd Frt.
Steer
Hose
St'd. Frt.
Steer
Cylinder
Std. Front
Steer Hose
(For Part Numbers,
see next page.)
HYDRAULIC PIPING DIAGRAM
ORBITROL STEER
St'd
return
line
REG.
FLOW
PRES.
RELIEF
OUTLET
IN
OUT
1,A,B
2
3
4
5
6
7
8
9
10,A
11
12
13
14
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16
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20
21
22

HYDRAULIC PIPING DIAGRAM
ORBITROL STEERING
(For illustration, see preceding page)

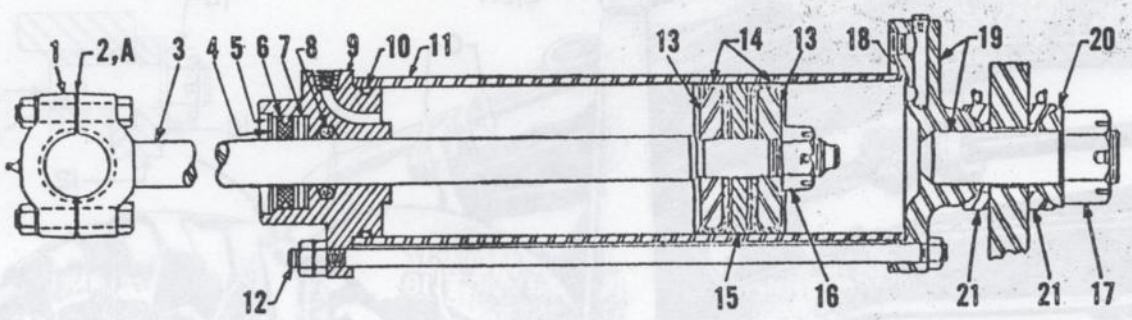
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17642	1	ORBITROL STEERING UNIT
1A	PGF-17660	1	BRACKET
1B	TF-382	1	SPACER, valve bracket
2	PGF-17805	2	HOSE - orbitrol to ram (14" overall length)
3	PGF-10145-7	2	ELBOW, 90° - Female
4	PGF-17804	1	PIPE ASSEMBLY - front steer cylinder
5	PGF-17803	1	PIPE ASSEMBLY - front steer cylinder
6	530032	1	NIPPLE
7	PGF-17661	1	VALVE, check
8	PGF-17807	1	HOSE ASSEMBLY - steer unit to regulator (12" overall length)
9	PGF-12282-4	1	COUPLING, 90° - male anchor
10	HCF-10103	1	REGULATOR, flow
10A	PGF-18153	1	BRACKET, regulator
11	PGF-12287-3	1	ELBOW, 45° - male swivel
12	PGF-17806	1	HOSE, return line from Orbitrol (19" overall length)
13	HCF-1596-3	1	TEE, service
14	PGF-10104-4	1	ELBOW, 90°, street
15	PGF-10143-14	1	COUPLING, Ermeto - male connector
16	PGF-19065	1	PIPE ASSEMBLY - return line
17	PGF-10161-8	2	UNION, Ermeto coupling, elbow
18	PGF-19064	1	PIPE ASSEMBLY - pressure line
19	PGF-9812-8	1	UNION, Ermeto, coupling
20	PGF-10144-14	1	ELBOW, Ermeto, coupling, 90° male
21	PGF-1593-3	1	ELBOW, 45°, street
22	PGF-17666	1	STEERING WHEEL



SCARIFIER

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0			SCARIFIER RAM GROUP (see separate page)
1	PGF-9487	2	CAP, ball
2	MGF-1992	4	SHIM, ball cap (.024)
2A	PGF-11856	8	SHIM, ball cap (.010)
3	PGF-14634	1	SHAFT, lift
4	PGF-8390	2	"U" BOLT
5	PGF-18962	1	BLOCK
6	PGF-5375	11	SHANK, tooth
7	PGF-5376	11	POINT, tooth
8	PGF-16401	11	WEDGE, tooth
9	PGF-5698	1	REMOVER, tooth point
10	MGF-2454	1	REMOVER, tooth wedge
11	PGF-9049	2	PIN
12	PGF-17570	2	ARM
13	PGF-6640	2	PIN
14	PGF-6641	2	NUT, slotted
15	PGF-14786	2	PIN
16	MGF-1185	2	WASHER
17	PGF-13637	1	* LATCH, arm - R.H.
18	PGF-13638	1	* LATCH, arm - L.H.

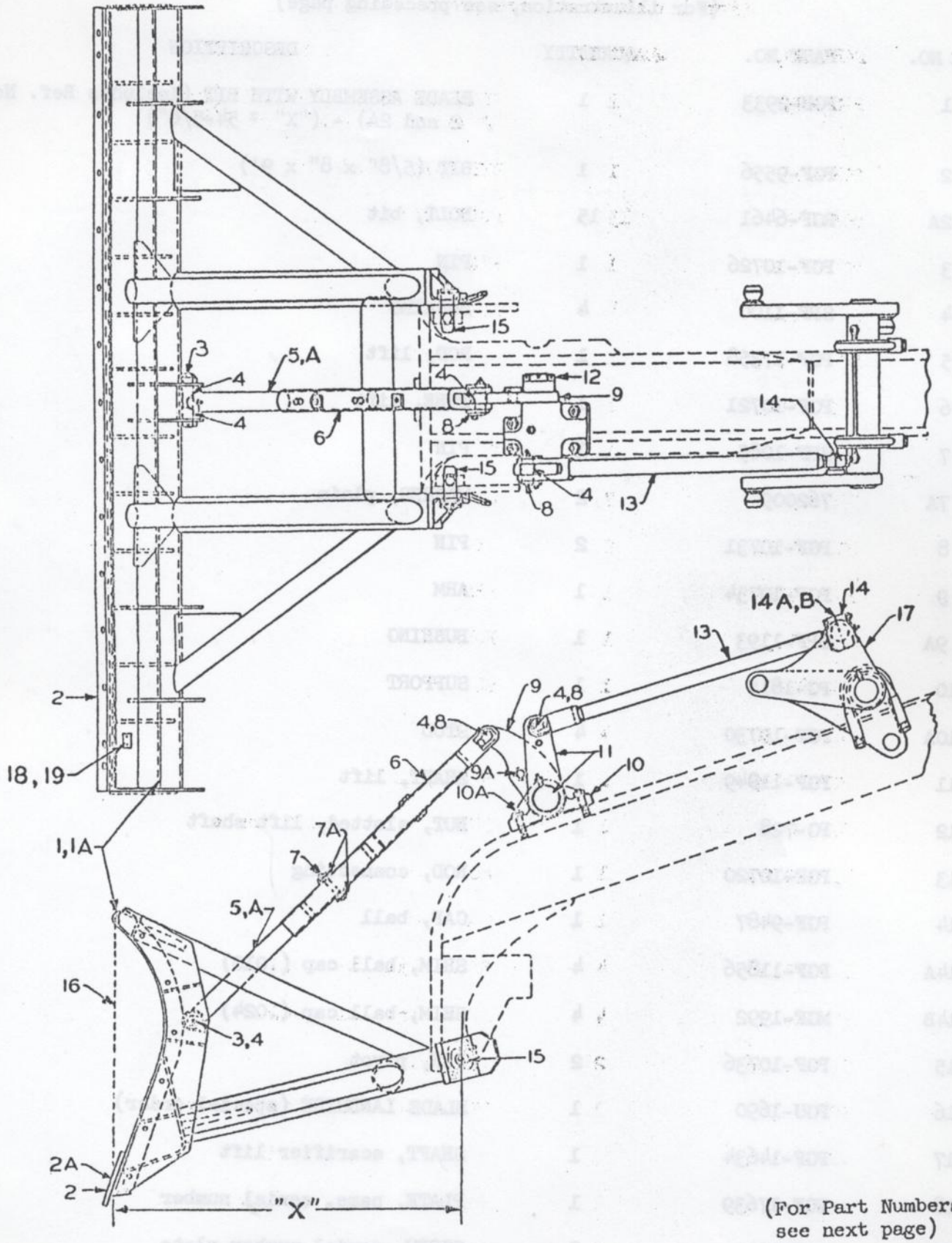
Note: * Indicates parts used when machine is equipped with a bulldozer or snow plow in addition to scarifier.



-O-

SCARIFIER RAM
(Also used with Bulldozer)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2849	1	RAM GROUP (includes Ref. 1 to 19 inclusive)
1	PGF-9487	1	CAP, ball
2	MGF-1992	4	SHIM, ball cap (.024)
2A	PGF-11856	4	SHIM, ball cap (.010)
3	PGF-14465	1	ROD, piston
4	SPF-1098	1	WASHER
5	SPF-1094	1	RING, snap
6	PGF-9225	1	WIPER
7	SPF-1122	1	RING, felt wiper
8	PGF-9648-29	1	"O" RING
9	PG-A-2014	1	HEAD
10	PGF-9648-19	1	"O" RING
11	PGF-16914	1	CYLINDER
12	PGF-16913	4	ROD, tie
13	PGF-3255	2	SPREADER
14	PGF-11776	2	CUP
15	PG-A-862	1	PISTON
16	734013	1	NUT, slotted
17	PGF-6641	1	NUT, slotted
18	PGF-9648-76	1	"O" RING
19	PGF-16912	1	BASE WITH SHAFT
20	PG-1926	1	PLATE, ball
21	PG-1709	2	SOCKET

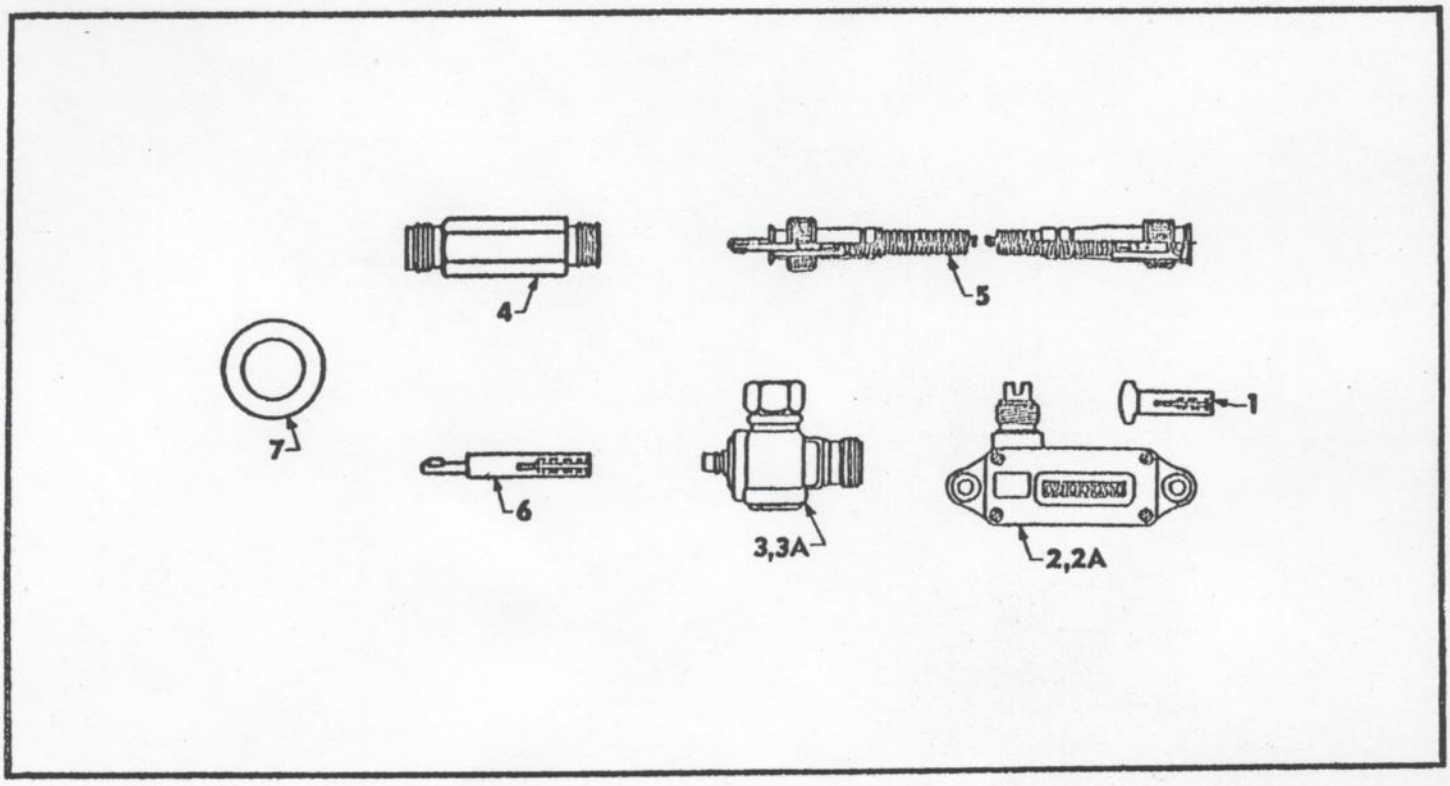


(For Part Numbers, see next page)

BULLDOZER

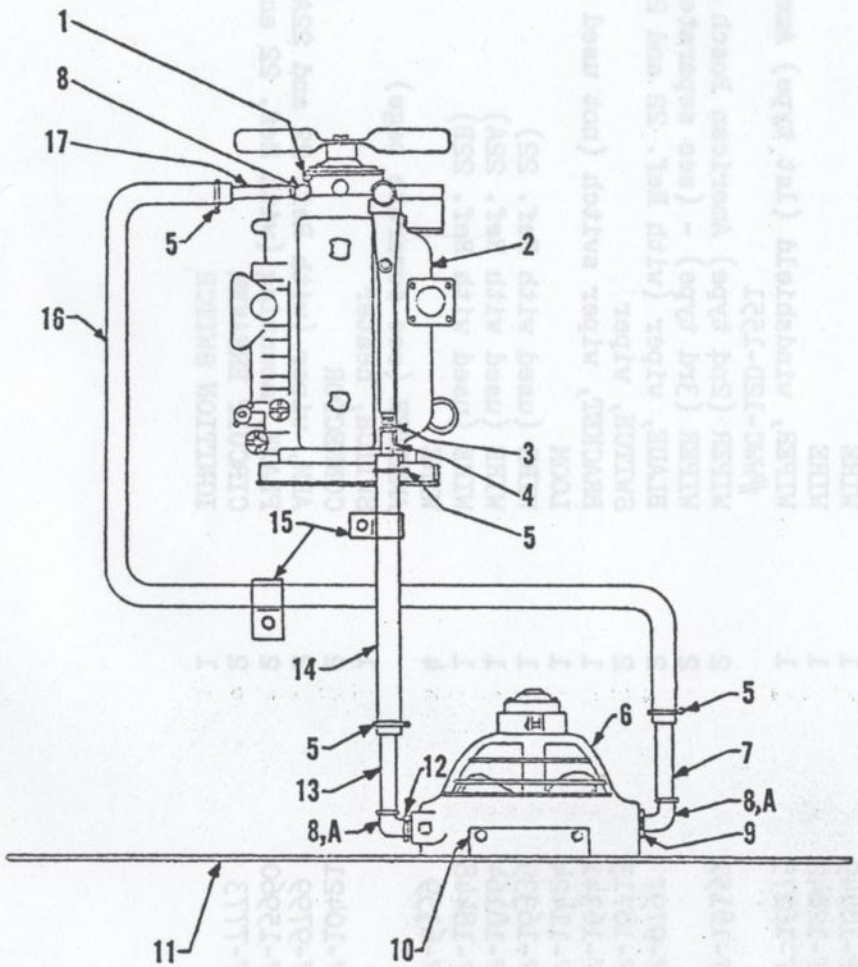
BULLDOZER
(For illustration, see preceding page)

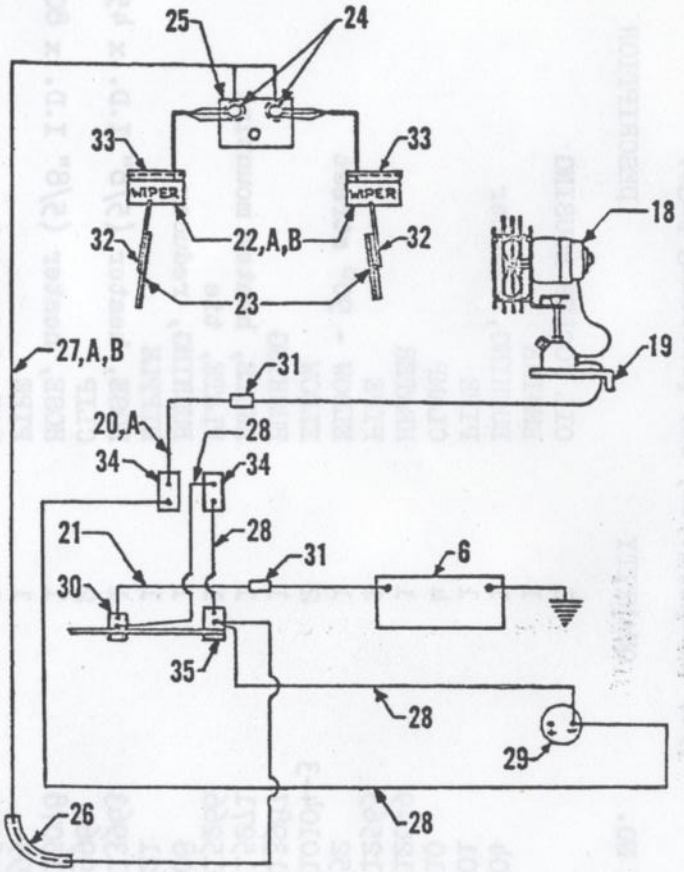
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-2933	1	BLADE ASSEMBLY WITH BIT (includes Ref. Nos. 2 and 2A) - ("X" = 54-5/8")
2	PGF-9556	1	BIT (5/8" x 8" x 9')
2A	RGF-6461	15	BOLT, bit
3	PGF-10726	1	PIN
4	SPF-1100	4	BUSHING
5	PGF-17358	1	ROD, lift
6	PGF-10721	1	TUBE, lift
7	SPF-1085	1	PIN
7A	762009	2	WASHER, plain
8	PGF-10731	2	PIN
9	PGF-10734	1	ARM
9A	SPF-1193	1	BUSHING
10	PG-1815	1	SUPPORT
10A	PGF-10730	4	STUD
11	PGF-11849	1	SHAFT, lift
12	PG-728	1	NUT, slotted, lift shaft
13	PGF-10720	1	ROD, connecting
14	PGF-9487	1	CAP, ball
14A	PGF-11856	4	SHIM, ball cap (.010)
14B	MGF-1992	4	SHIM, ball cap (.024)
15	PGF-10736	2	PIN, pivot
16	PGU-1690	1	BLADE LANDSIDE (special order)
17	PGF-14634	1	SHAFT, scarifier lift
18	PGF-17639	1	PLATE, name, serial number
19	751002	2	SCREW, serial number plate



ODOMETER
(For GMC-4-71, Cummins C-160 Engines)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-3850	1	TIP, drive
2	PGF-9361	1	ODOMETER - mile reading
2A	PGF-9831	1	ODOMETER - kilometer reading
3	PGF-9363	1	ADAPTER (.266 ratio - for 13.00 x 24 tires)
3A	PGF-11944	1	ADAPTER (.294 ratio - for 14.00 x 24 tires)
4	PGF-9889	1	SLEEVE, extension
5	PGF-9364	1	SHAFT, flexible
6	PGF-9888	1	EXTENSION, shaft
7	NES-1652	1	WASHER



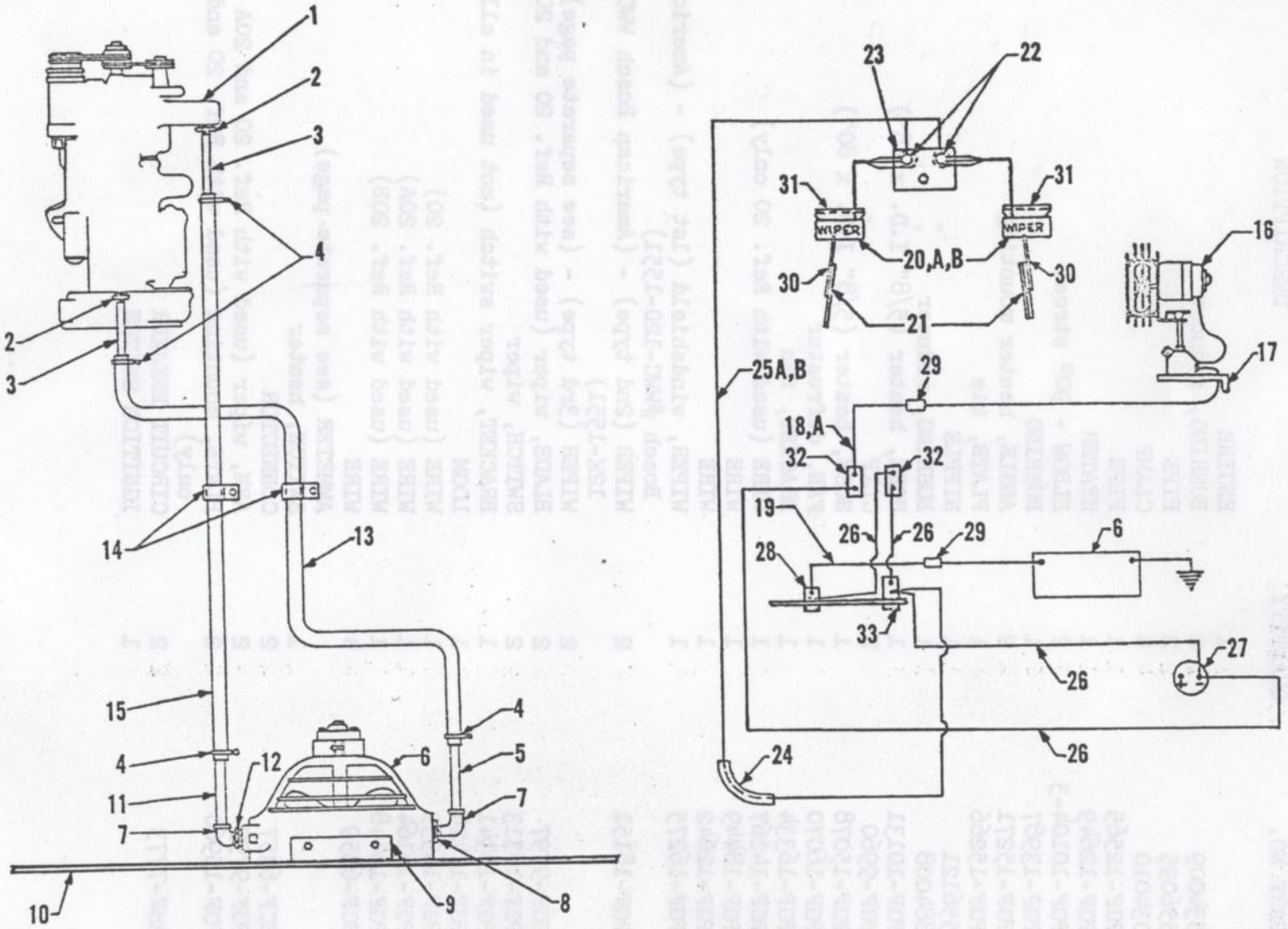


(For Part Numbers, see next page)

HEATER, DEFROSTER AND WINDSHIELD WIPERS
(GMC Engine)

HEATER, DEFROSTER AND SINDSHIELD WIPERS - GMC ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	OIL COOLER HOUSING
2		1	ENGINE
3	884004	1	BUSHING, reducer
4	556101	1	PIPE
5	034010	4	CLAMP
6	PGF-12649	1	HEATER
7	PGF-12565	1	PIPE
8	563852	1	ELBOW - 90° street
8A	PGF-10104-3	2	ELBOW
9	PGF-13987	1	BUSHING
10	PGF-15271	1	ANGLE, heater mounting
11	PGF-15266	1	PLATE, tie
12	884008	1	BUSHING, reducer
13	556121	1	NIPPLE
14	PGF-13963	1	HOSE, heater (5/8" I.D. x 45")
15	PGF-9960	2	CLIP
16	PGF-15078	1	HOSE, heater (5/8" I.D. x 80")
17	556095	1	PIPE
18	PGF-16070	1	FAN, defroster
19	PGF-16334	1	BRACKET, fan
20	PGF-14267	1	WIRE (used with Ref. 22 only)
20A	PGF-18449	1	WIRE
21	PGF-12642	1	WIRE
22	PGF-16275	1	WIPER, windshield (1st type) American Bosch #WWC-12D-1551
22A	PGF-18151	2	WIPER (2nd type) American Bosch #WWC-12K-1551
22B		2	WIPER (3rd type) - (see separate page)
23	PGF-9797	2	BLADE, wiper (with Ref. 22 and 22A only)
24	PGF-18713	2	SWITCH, wiper
25	PGF-16341	1	BRACKET, wiper switch (not used in all cabs)
26	PGF-11424	1	LOOM
27	PGF-16339	1	WIRE (used with Ref. 22)
27A	PGF-18164	1	WIRE (used with Ref. 22A)
27B	PGF-18448	1	WIRE (used with Ref. 22B)
28	HCF-6359	4	WIRE
29			AMMETER (see separate page)
30		1	SWITCH, heater
31	PGF-10421	2	CONNECTOR
32	PGF-9799	2	ARM, wiper (with Ref. 22 and 22A only)
33	PGF-15960	2	PLATE, mounting (with Ref. 22 and 22A only)
34	ASF-7773	2	CIRCUIT BREAKER
35		1	IGNITION SWITCH

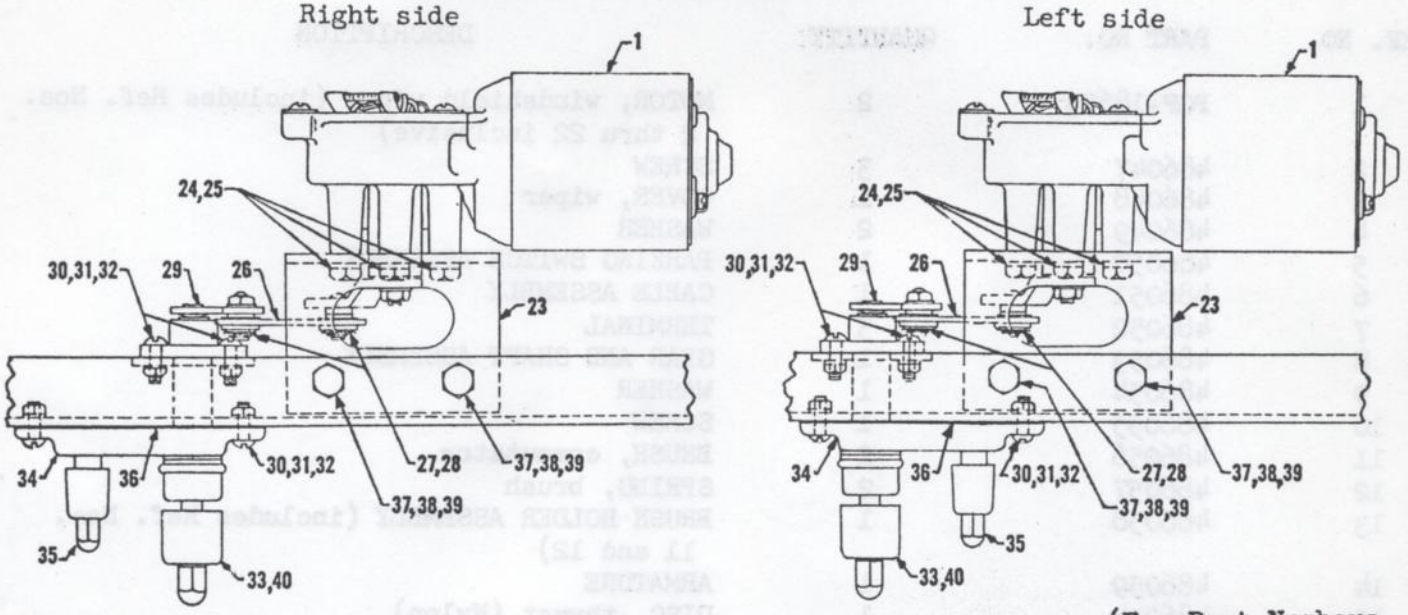


(For Part Numbers, see next page)

HEATER, DEFROSTER AND WINDSHIELD WIPERS
(Cummins Engine)

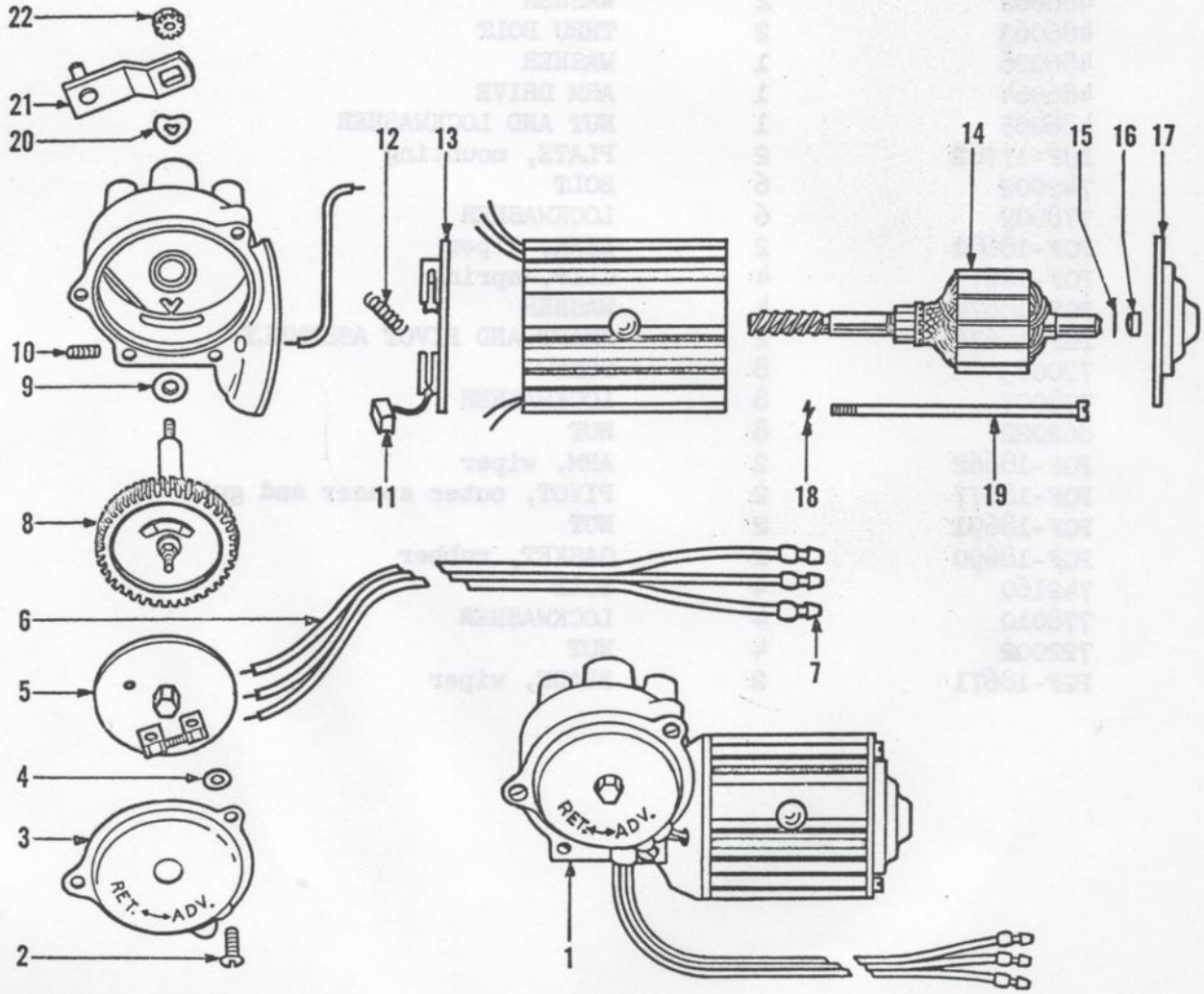
HEATER, DEFROSTER AND WINDSHIELD WIPERS - CUMMINS ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	ENGINE
2	534009	2	BUSHING, reducer
3	556095	2	PIPE
4	034010	4	CLAMP
5	PGF-12565	1	PIPE
6	PGF-12649	1	HEATER
7	PGF-10104-3	2	ELBOW - 90° street
8	PGF-13987	1	BUSHING
9	PGF-15271	2	ANGLE, heater mounting
10	PGF-15266	1	PLATE, tie
11	556121	1	NIPPLE
12	884008	1	BUSHING, reducer
13	PGF-10131	1	HOSE, heater (5/8" I.D. x 48")
14	PGF-9960	2	CLIP
15	PGF-15078	1	HOSE, heater (5/8" I.D. x 80")
16	PGF-16070	1	FAN, defroster
17	PGF-16334	1	BRACKET, fan
18	PGF-14267	1	WIRE (used with Ref. 20 only)
18A	PGF-18449	1	WIRE
19	PGF-12642	1	WIRE
20	PGF-16275	1	WIPER, windshield (1st type) - (American Bosch #WWC-12D-1551)
20A	PGF-18151	2	WIPER (2nd type) - (American Bosch WWC-12K-1551)
20B		2	WIPER (3rd type) - (see separate page)
21	PGF-9797	2	BLADE, wiper (used with Ref. 20 and 20A only)
22	PGF-18713	2	SWITCH, wiper
23	PGF-16341	1	BRACKET, wiper switch (not used in all cabs)
24	PGF-11424	1	LOOM
25	PGF-16339	1	WIRE (used with Ref. 20)
25A	PGF-18164	1	WIRE (used with Ref. 20A)
25B	PGF-18448	1	WIRE (used with Ref. 20B)
26	HCF-6359	4	WIRE
27			AMMETER (see separate page)
28		1	SWITCH, heater
29	HCF-6357	2	CONNECTOR
30	PGF-9799	2	ARM, wiper (used with Ref. 20 and 20A only)
31	PGF-15960	2	PLATE, mounting (used with Ref. 20 and 20A only)
32	ASF-7773	2	CIRCUIT BREAKER
33		1	IGNITION SWITCH



(For Part Numbers, see next page)

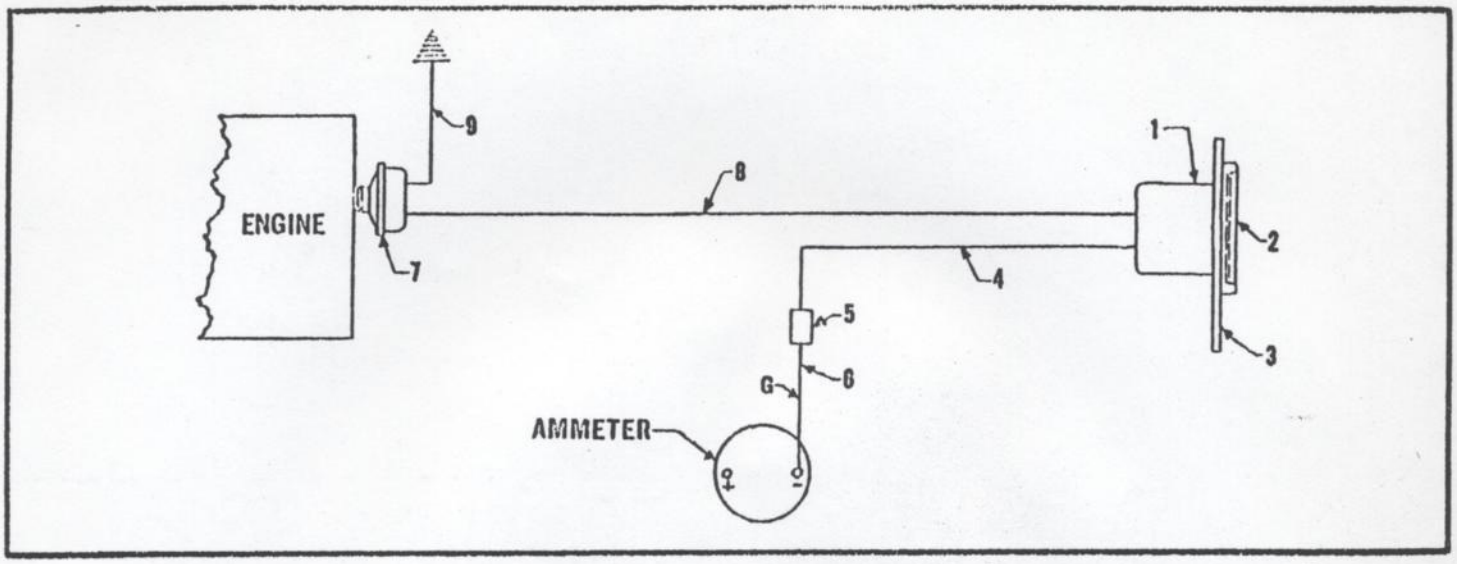
WINDSHIELD WIPERS



WINDSHIELD WIPER

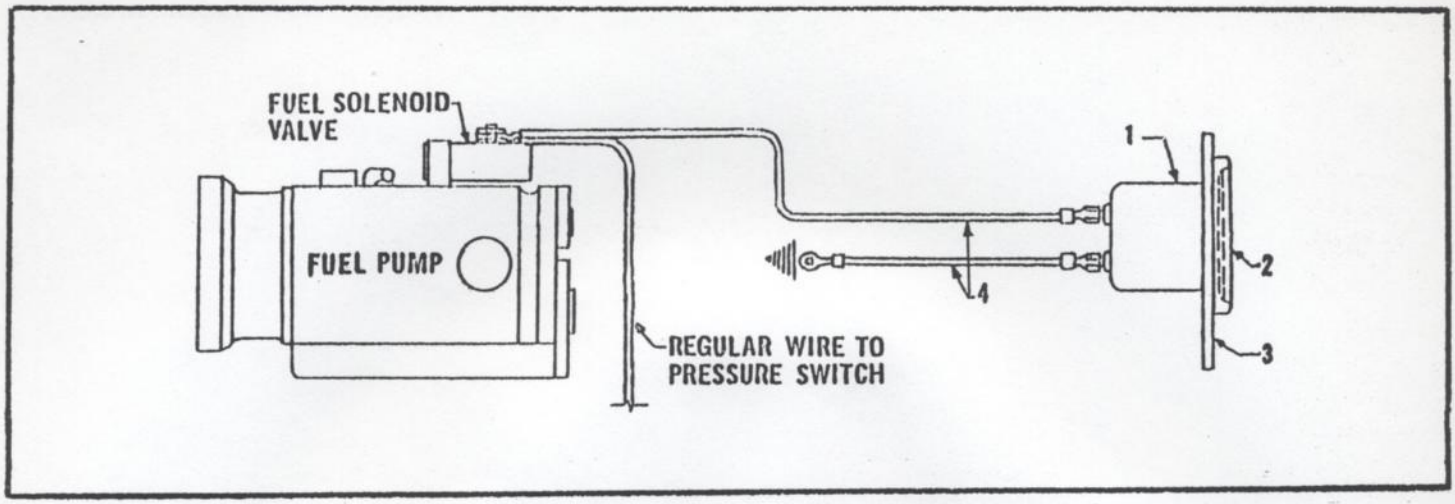
(For Illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18675	2	MOTOR, windshield wiper (includes Ref. Nos. 2 thru 22 inclusive)
2	486047	3	SCREW
3	486048	1	COVER, wiper
4	486049	2	WASHER
5	486050	1	PARKING SWITCH ASSEMBLY
6	486051	1	CABLE ASSEMBLY
7	486052	3	TERMINAL
8	486053	1	GEAR AND SHAFT ASSEMBLY
9	486054	1	WASHER
10	486055	1	SCREW
11	486056	2	BRUSH, commutator
12	486057	2	SPRING, brush
13	486058	1	BRUSH HOLDER ASSEMBLY (includes Ref. Nos. 11 and 12)
14	486059	1	ARMATURE
15	486034	1	DISC, thrust (Nylon)
16	486060	1	DISC, thrust (Metal)
17	486061	1	CAP ASSEMBLY
18	486062	2	WASHER
19	486063	2	THRU BOLT
20	486026	1	WASHER
21	486064	1	ARM DRIVE
22	486065	1	NUT AND LOCKWASHER
23	PGF-17782	2	PLATE, mounting
24	742002	6	BOLT
25	778009	6	LOCKWASHER
26	PGF-18680	2	LINK, wiper
27	PGF-18679	4	CLIP, spring
28	PGF-18678	4	WASHER
29	PGF-18676	2	SHAFT AND PIVOT ASSEMBLY
30	720083	8	SCREW
31	778007	8	LOCKWASHER
32	862022	8	NUT
33	PGF-18662	2	ARM, wiper
34	PGF-18677	2	PIVOT, outer spacer and guide
35	PGF-18691	2	NUT
36	PGF-18690	2	GASKET, rubber
37	742160	4	BOLT
38	778010	4	LOCKWASHER
39	722002	4	NUT
40	PGF-18671	2	BLADE, wiper



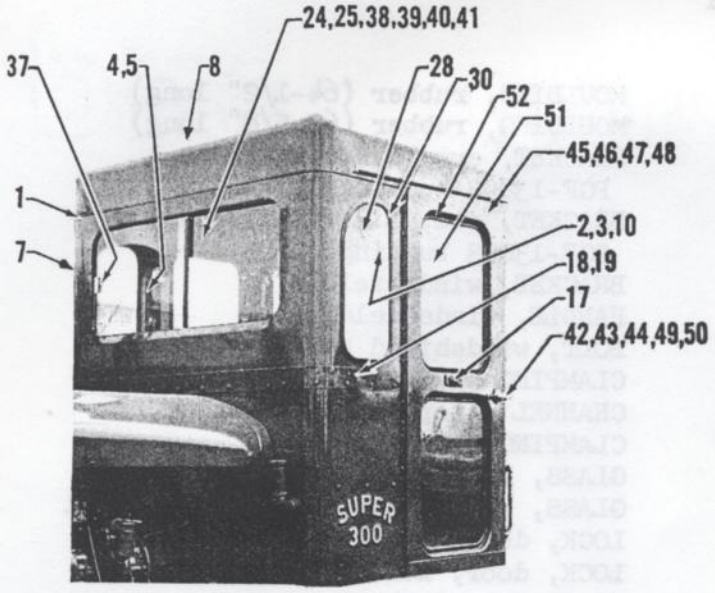
HOURMETER FOR GMC-4-71 ENGINE

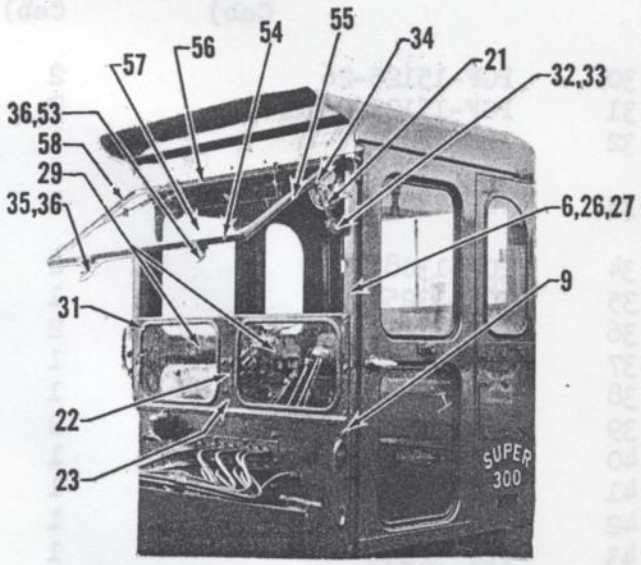
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	HCF-8456	1	HOURMETER
2	PGF-14641	1	DAMPENER, vibration
3	PGF-18331		BRACKET, mounting
4	PGF-17576	1	WIRE, hourmeter to harness
5	PGF-10421	1	CONNECTOR, wire
6		1	WIRE (part of harness assembly)
7	PGF-11652	1	SWITCH, pressure
8	PGF-17577	1	WIRE, hourmeter to switch
9	PGF-13981	1	WIRE, switch to ground



HOURMETER FOR CUMMINS C-160 ENGINE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	HCF-8456	1	HOURMETER
2	PGF-14641	1	DAMPENER, vibration
3	PGF-18721		BRACKET, mounting
4	PGF-17577	2	WIRE, hourmeter to ground





Windshield and Parts

CAB - OPEN AND CLOSED TYPES

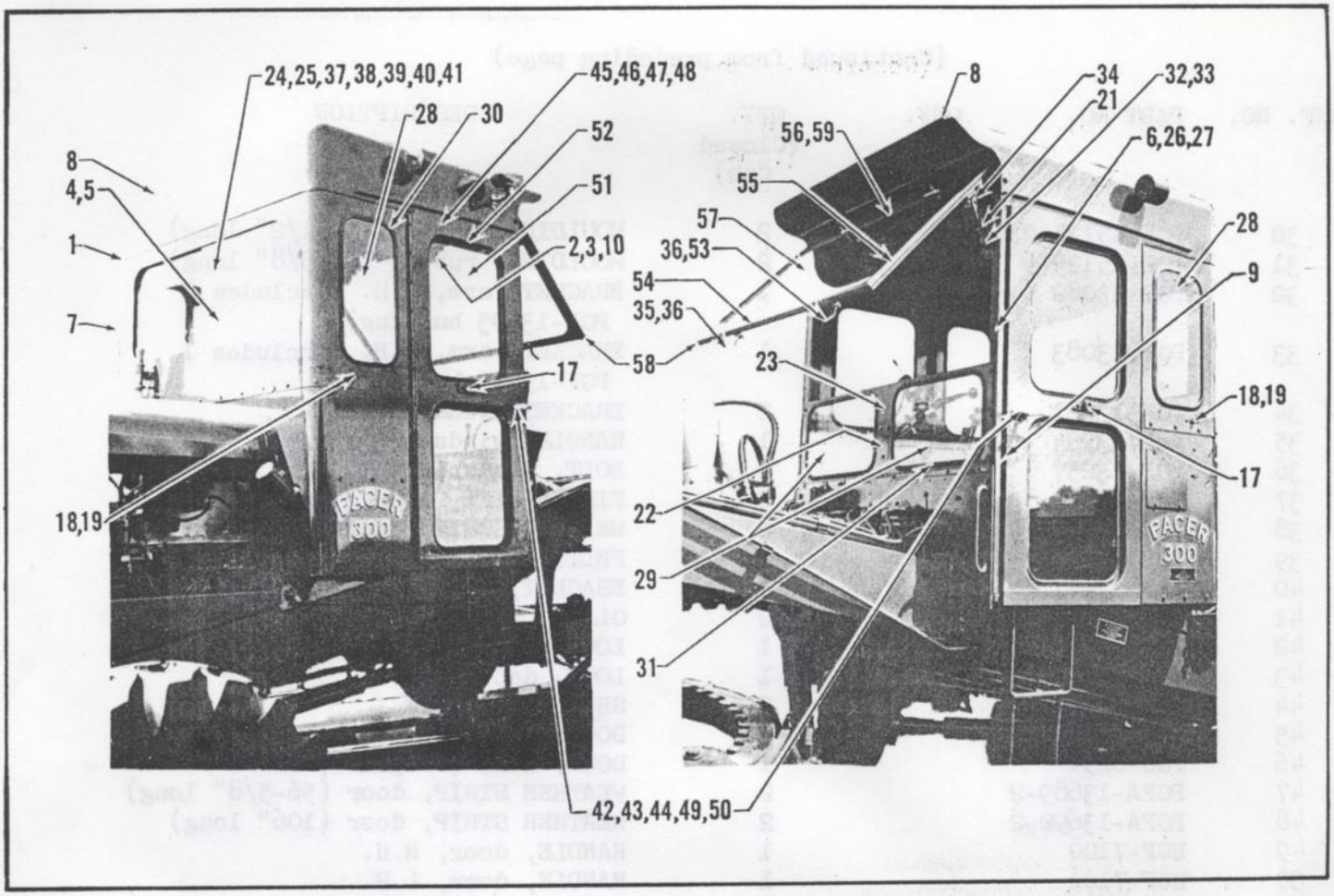
REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
1	PGF-9586-1	1	1	WELT, fender (100" long)
2	PGF-10369	1	1	BRACKET for mirror
3	PGF-10370	1	1	SPACER for mirror bracket
4	PGF-13746	1	1	ANGLE, side, R.H.
5	PGF-13747	1	1	ANGLE, side, L.H.
6	PGF-15377	1	1	FRONT POST ASSEMBLY
7	PGF-17638	1	1	WRAPPER, sheet, upper
8	PGF-17636	1	1	TOP, cab
9	PGF-13079	1	1	SPACER, front post
10	MSF-1775	1	1	MIRROR, rear view
17	PG-1831		2	NUT, door stop
18	PGF-8555		2	CRANK, door stop
19	PGF-8557		2	CLAMP, door stop
21	PGF-13080		4	ARMS, window adjusting
22	PGF-13094		1	COVER PLATE, windshield
23	PGF-17820		1	FRAME, windshield, lower
24	HCF-3237-8		2	CHANNEL, rear glass
25	HCF-3237-9		2	CHANNEL, rear glass
26	PGF-15375		2	CATCH, door
27	PGF-15376		2	SHIMS, door
28	PGF-16864		2	GLASS, side of cab
29	PGF-16862		2	GLASS, windshield,lower

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
30	PGF-15125-26		2	MOULDING, rubber (64-1/2" long)
31	PGF-15125-9		2	MOULDING, rubber (67-5/8" long)
32	PGP-13082		1	BRACKET, arm, R.H. (includes 1 PGF-13093 bushing)
33	PGP-13083		1	BRACKET, arm, L.H. (includes 1 PGF-13093 bushing)
34	PGF-13081		2	BRACKET, windshield
35	PGF-13254		1	HANDLE, windshield, R.H.
36	PGF-13257		2	BOLT, windshield handle
37	PGF-18759-5		1	CLAMPING STRIP - R.R. Window
38	PGF-18759-11		1	CHANNEL - top glass run
39	PGF-18759-12		2	CLAMPING PLATE
40	PGF-18759-1		1	GLASS, R.R. Window L.H.
41	PGF-18759-2		1	GLASS, rear window - R.H. W/channel
42	PGF-18300		1	LOCK, door, R.H.
43	PGF-18299		1	LOCK, door, L.H.
44	PGF-11108		2	SHIM, door lock
45	PGU-8253		1	DOOR, R.H. (complete)
46	PGU-8254		1	DOOR, L.H. (complete)
47	PGFA-13689-2		2	WEATHER STRIP, door (56-5/8" long)
48	PGFA-13690-2		2	WEATHER STRIP, door (106" long)
49	HCF-7100		1	HANDLE, door, R.H.
50	PGF-18298		1	HANDLE, door, L.H.
51	PGF-16865		4	GLASS, door
52	PGF-15125-3		4	MOULDING, rubber (77" long)
53	PGF-13255		1	HANDLE, windshield, L.H.
54	PGFA-13305-11		1	WEATHER STRIP, windshield (52-3/4" long)
55	PGFA-13305-10		2	WEATHER STRIP, windshield (28-1/4" long)
56	ASF-5884-14		2	MOULDING RUBBER (75-1/8" long)
57	PGF-17881		1	GLASS, windshield, upper
58	PGF-17753		1	WINDSHIELD ASSEMBLY
59	ASF-5883-14		1	FILLER STRIP (for Ref. 56)

(Machine No. 346-9318 and Up)



CAB - OPEN AND CLOSED TYPES

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
1	PGF-9586-1	1	1	WELT, fender (100" long)
2	PGF-10369	1	1	BRACKET for mirror
3	PGF-10370	1	1	SPACER for mirror bracket
4	PGF-13746	1	1	ANGLE, side, R.H.
5	PGF-13747	1	1	ANGLE, side, L.H.
6	PGF-17755	1	1	FRONT POST ASSEMBLY
7	PGF-18762	1	1	WRAPPER, sheet, upper
8	PGF-18640	1	1	TOP, cab
9	PGF-13079	1	1	SPACER, front post
10	MSF-1775	1	1	MIRROR, rear view
17	PG-1831		2	NUT, door stop
18	PGF-8555		2	CRANK, door stop
19	PGF-8557		2	CLAMP, door stop
21	PGF-13080		4	ARMS, window adjusting
22	PGF-13094		1	COVER PLATE, windshield
23	PGF-17820		1	FRAME, windshield, lower
24	PGF-18759-3		2	CHANNEL, rear glass - side
25	PGF-18759-4		2	CHANNEL, rear glass - top and bottom
26	PGF-15375		2	CATCH, door
27	PGF-15376		2	SHIMS, door
28	PGF-17756		2	GLASS, side of cab
29	PGF-16862		2	GLASS, windshield, lower

(continued)

(Machine No. 346-9318 and up)

(Continued from preceding page)

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
30	PGF-15125-2		2	MOULDING, rubber (62-1/2" long)
31	PGF-15125-9		2	MOULDING, rubber (67-5/8" long)
32	PGP-13082		1	BRACKET, arm, R.H. (includes 1 PGF-13093 bushing)
33	PGP-13083		1	BRACKET, arm, L.H. (includes 1 PGF-13093 bushing)
34	PGF-13081		2	BRACKET, windshield
35	PGF-13254		1	HANDLE, windshield, R.H.
36	PGF-13257		2	BOLT, windshield handle
37	HCF-7744		2	FINGER LIFT, rear glass
38	PGFA-13304-5		2	WEATHER STRIP, rear glass
39	HCF-7563		1	FELT, rear glass
40	PGF-17647		1	BRACKET, rear glass channel
41	PGF-17646		2	GLASS, rear window
42	PGF-9632		1	LOCK, door, R.H.
43	PGF-9633		1	LOCK, door, L.H.
44	PGF-11108		2	SHIM, door lock
45	PGU-8253		1	DOOR, R.H. (complete)
46	PGU-8254		1	DOOR, L.H. (complete)
47	PGFA-13689-2		2	WEATHER STRIP, door (56-5/8" long)
48	PGFA-13690-2		2	WEATHER STRIP, door (106" long)
49	HCF-7100		1	HANDLE, door, R.H.
50	HCF-7101		1	HANDLE, door, L.H.
51	PGF-16865		4	GLASS, door
52	PGF-15125-3		4	MOULDING, rubber(77" long)
53	PGF-13255		1	HANDLE, windshield, L.H.
54	PGFA-13304-1		1	WEATHER STRIP, windshield (52-3/4" long)
55	PGFA-13305-1		2	WEATHER STRIP, windshield (21-3/4" long)
56	PGF-15125-11		1	MOULDING RUBBER (138-1/2" long)
57	PGF-15272		1	GLASS, windshield, upper
58	PGF-17884		1	WINDSHIELD ASSEMBLY